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ANNUAL REPORT

OF THE

COMMISSIONER OF THE GENERAL LAND OFFICE

TO THE

SECRETARY OF THE INTERIOR

FOR

THE FISCAL YEAR ENDED JUNE 30, 1904.



WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1904.

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REPORT OF THE COMMISSIONER OF THE GENERAL LAND OFFICE.

DEPARTMENT OF THE INTERIOR,
GENERAL LAND OFFICE,
Washington, D. C., October 8, 1904.

SIR: In submitting the annual report of this Office for the fiscal year ended June 30, 1904, I have to state that the business of the Office shows a small decrease from the year 1903, the total receipts being \$9,283,341.98, a decrease of \$1,741,401.67 from the preceding year, and the total area disposed of being 16,405,821.95 acres, a decrease of 6,418,477.70 acres. With the exception of the year 1903, the cash receipts are, however, greater than for any year since the fiscal year 1889.

There were 56,386 patents of all classes issued during the fiscal year, an increase of 2,021 over the preceding; but there were 89,433 cases pending in the Office on July 1, 1904, and I have, therefore, included in my annual estimates an item for ten additional clerks at \$1,200 per annum.

ADDITIONAL SPACE FOR CLERKS AND RECORDS.

By letters of February 27 and March 11, 1904, the needs of this Office in the matter of additional space were called to the attention of the Department. When the General Land Office was removed, in March, 1900, to the public building in which it is now located, the space then assigned to it was barely sufficient for the accommodation of the records and the clerical force. Since then the force has been increased by 65 clerks, without any increase in the number of rooms, and a proper regard for the orderly and convenient working of the clerical force, and the health of its individual members, requires that some provision be made for additional space in the building, or in some other suitable building conveniently situated.

The great and regular increase of the past few years in the sales of public lands has caused a consequent increase in the records. A very large part of the old records and files is stored away in boxes and piled in the attic, and the remainder is stored in the lower hall and passageway under the court, adjacent to steam pipes, which so affect them that the binding of the books become destroyed, and papers so baked as to become brittle and break when handled. Inquiries are frequently received for information regarding transactions relating back to the organization of the Office and the intervening period, and access to

the records is extremely difficult, causing a waste of time on the part of the clerical force. These old records and files are as valuable as the current ones, and reference has to be made to them very often in order to trace back titles, and their condition is such as to require three or four times the period for the examination of a particular record or file, as would be necessary if systematically arranged. To accommodate the clerical force, with a view to its efficiency, and provide for the systematic arrangement of its records and files in such manner as to render them easy of access for the next ten years, it is estimated that it will require 28 additional rooms 16 by 20 feet (height of ceiling not less than 12 feet), and I can not too strenuously urge that the additional space be provided.

DISPOSAL OF PUBLIC LANDS.

The following is a statement of the acreage disposed of during the fiscal year ended June 30, 1904:

CASH SALES.	Acrea.
Private entries	22, 308. 12
Public auction	68, 603. 78
Preemption entries	9, 675. 25
Timber and stone entries	1, 306, 261. 30
Mineral-land entries	88, 182. 55
Desert-land entries (original)	753, 731. 33
Excesses on homestead and other entries	22, 009. 87
Coal-land entries	28, 827. 42
Town sites	138. 55
Supplemental payments	1. 79
Abandoned military reservations	2, 330. 79
Under sundry special acts	5, 273. 98
Total	2, 307, 344. 73

MISCELLANEOUS.	Acrea.
Homestead entries (original)	10, 171, 265. 97
Entries with—	
Military bounty land warrants	32, 164. 44
Agricultural college scrip	960. 00
Private land scrip	7, 880. 00
Red Lake and Pembina scrip	480. 00
Valentine scrip	80. 00
Sioux half-breed scrip	400. 00
Dodge scrip	40. 00
State selections	1, 042, 398. 39
Railroad selections	2, 353, 584. 96
Wagon-road selections	77, 709. 10
Indian allotments	4, 610. 19
Small holdings	447. 93
Donation act	320. 00
Swamp lands patented	259, 207. 23
	13, 951, 548. 21
Total area of public-land entries and selections	16, 258, 892. 94

INDIAN LANDS.

	Acres.	Acres.
Cherokee school	579.62	
Southern Ute	11,286.27	
Ute	38,426.23	
Osage trust and diminished reserve.....	10,998.36	
Chippewa	120.00	
Red Lake Indian Reservation ceded lands	73,524.27	
Otoe and Missouriia.....	40.00	
Omaha	360.30	
Absentee Shawnee Indian school land	319.50	
Umatilla.....	1,759.68	
Sioux	41.44	
Uinta and White River Ute lands.....	720.38	
Colville Indian reserve	8,752.96	
		146,929.01
Grand total		16,405,821.95

RECAPITULATION.

Area sold for cash	2,307,344.73
Area miscellaneous entries	13,951,548.21
Area Indian lands.....	146,929.01
Aggregate	16,405,821.95

Showing a decrease of 6,418,477.70 acres as compared with the aggregate of disposals for the fiscal year 1903.

The foregoing statement does not include the following entries, the areas of which have been previously reported in the original entries of the respective classes:

	Acres.
Final desert-land entries	268,913.43
Homesteads commuted to cash	2,142,185.44
Timber-culture entries commuted under act March 3, 1891	320.00
Abandoned military reservations	18,804.81
Cash substitutions	2,721.49
Supplemental payments	178.14
Under sundry acts.....	11,913.32
Final homesteads	3,232,716.75
Final timber-culture entries	70,640.05
	5,748,393.43
Commuted homestead and final desert entries, Indian lands.....	88,860.22
Total	5,837,253.65

The number of filings and fees thereon will be found in the following table:

	Number.	Fees.
Preemption declaratory statements	297	\$857. 00
Homesteads, soldiers' declaratory statements.....	1, 097	2, 307. 00
Coal land, declaratory statements.....	2, 985	8, 764. 00
Reservoir, declaratory statements	1, 303	2, 691. 00
Valentine scrip applications	3	3. 00
Mineral-land applications.....	1, 773	17, 730. 00
Timber and stone applications	9, 582	95, 820. 00
Town-site applications.....	2	6. 00
	<hr/> 17, 042	<hr/> 128, 178. 00
Mineral adverse claims	229	2, 290. 00
Total	<hr/> 17, 271	<hr/> 130, 468. 00
Miscellaneous fees:		
For reducing testimony to writing, etc.....		111, 660. 85
For cancellation fees.....		<hr/> 4, 993. 00
Aggregate of fees		<hr/> 247, 121. 85

CASH RECEIPTS.

The following is a statement of the cash receipts of the Office from various sources during the fiscal year ended June 30, 1904:

Sales of land at private entry.....	\$28, 293. 84
Sales of land at public auction.....	103, 198. 20
Sales of land by preemption entry.....	12, 480. 96
Sales of timber and stone land	3, 266, 142. 96
Sales of mineral land	354, 064. 86
Sales of desert land (original).....	188, 405. 49
For final desert land.....	268, 922. 12
For commuted homesteads.....	2, 747, 659. 61
For timber-culture entries commuted under act of March 3, 1891	400. 00
For excesses on homestead, timber-culture, and other entries	31, 172. 28
For sales of coal lands	395, 209. 90
For sales of town sites	323. 20
For sales of town lots.....	120. 00
Interest payments on commuted homesteads.....	8, 535. 71
For competitive bids	329. 25
For supplemental payments.....	34. 18
Cash substitutions.....	3, 263. 03
Sales of abandoned military reservations.....	26, 726. 82
Sales under sundry special acts.....	10, 620. 43
Total.....	<hr/> 7, 445, 902. 84

FEES AND COMMISSIONS.

For homestead entries (original and final)	\$1, 050, 551. 16
For timber-culture entries (final).....	1, 820. 00
For entries with—	
Military bounty land warrants	805. 50
Agricultural college scrip	24. 00
Valentine scrip.....	2. 00
Dodge scrip.....	1. 00

For State selections.....	\$12,322.00
For railroad selections.....	29,542.00
For wagon-road selections	976.00
For lands entered under donation act.....	10.00
For commissions on commuted homesteads (Indian ceded lands)	6,815.38
For preemption, coal, reservoir, and other filings.....	128,178.00
For mineral adverse claims	2,290.00
For cancellation notices	4,993.00
For reducing testimony to writing, etc.....	111,660.85
	<hr/> \$1,349,990.89
Total receipts from disposal of public lands.....	8,795,893.73
Total receipts from disposal of Indian lands	333,757.62
Total receipts from depredations on public lands	72,585.08
Total receipts from sales of timber under acts March 3, 1891, and June 4, 1897.....	56,691.70
Total receipts from sales of Government property (office furniture, etc.) ..	738.85
Total receipts from furnishing copies of records and plats.....	23,675.00
	<hr/>
Grand total.....	9,283,341.98

The total cash receipts for the fiscal year 1903 were \$11,024,743.65, showing a decrease in receipts for the year ended June 30, 1904, of \$1,741,401.67.

The total expenses of district land offices for salaries and commissions of registers and receivers, incidental expenses, and expenses of depositing public moneys during the fiscal year ended June 30, 1904, were \$842,975.51, an increase of \$14,112.89.

The aggregate expenditures and estimated liabilities of the public land service, including expenses of district land offices as stated, were \$2,100,093.92, leaving a net surplus in the United States Treasury of \$7,183,248.06.

Statement showing amounts covered into Treasury to the credit of the reclamation fund from sales of public lands, up to and including the fiscal year 1903, and an estimate of the same in the various States and Territories for fiscal year ended June 30, 1904.

[See act June 17, 1902, 32 Stat., 388.]

State or Territory.	Total for three years ended June 30, 1903.	Estimate for 1904.	Total for four years ended June 30, 1904.
Arizona	\$130,133.71	\$36,270.15	\$166,403.86
California	1,342,492.16	629,416.05	1,971,908.21
Colorado	1,178,807.90	412,359.66	1,591,167.56
Idaho.....	1,157,780.58	487,748.97	1,645,529.55
Kansas	76,972.22	20,877.36	97,849.58
Montana	1,330,449.29	418,553.61	1,749,002.90
Nebraska	373,926.88	104,046.54	477,973.42
Nevada.....	37,550.84	10,602.57	48,153.41
New Mexico.....	301,503.15	118,699.11	420,202.26
North Dakota	2,472,412.78	933,687.36	3,406,100.14
Oklahoma	1,873,562.20	678,575.13	2,552,137.33
Oregon	2,807,931.74	1,422,728.01	4,230,659.75
South Dakota.....	556,258.51	186,522.09	742,780.60
Utah.....	235,696.76	66,654.27	302,351.03
Washington	1,903,388.31	831,974.67	2,735,362.98
Wyoming.....	665,472.01	209,781.87	875,253.88
Total	16,444,339.04	6,568,497.42	23,012,836.46

PATENTS ISSUED DURING THE FISCAL YEAR ENDED JUNE 30, 1904.

There were 56,386 patents of all classes issued during the year. Of this number 52,102 are classed as agricultural, 1,247 Indian allotments, 2,504 mineral land, 174 coal land, 95 private land claim, 210 railroad, and 54 swamp land patents. This is an increase of 4,448 agricultural patents over patents of the same character during the preceding year.

Railroad and wagon-road patents.—During the year there were certified and patented under the several land grants for the construction of railroads and wagon roads 4,551,071.66 acres, a decrease of 1,265,885.38 acres from the preceding year.

Swamp-land patents.—There were 259,207.23 acres of ordinary swamp lands patented to the various States during the year, a decrease of 2,650,540.65 acres, which decrease is accounted for by the fact that during the preceding year one patent was issued covering 2,862,280 acres of lands situated in the Everglades and Mangrove Swamp in Florida.

Military bounty land warrants.—There have been, approximately, 30,960 acres of public lands located with military bounty land warrants during the year.

DISPOSALS OF PUBLIC AND CEDED INDIAN LANDS.

The records of the Public Lands Division show continued activity in the disposal of public and ceded Indian lands.

On June 30, 1903, 255,724 original entries were pending in this division, and 98,948 entries were received during the year. Of these 25,171 were canceled during the year, 47,786 were passed to final entry, and 8,789 were referred to other divisions, leaving a balance pending June 30, 1904, of 272,926.

On June 30, 1903, there were 39,310 final entries pending in the Public Lands Division, and 67,386 final entries were received during the year, making a total of 106,696. Of this number 167 were disposed of by cancellation during the year, 10,485 were referred to other divisions, and 58,420 were approved for patenting, leaving a balance pending on June 30, 1904, of 37,624, a decrease of 2,286 in the number of final entries pending at the beginning of the fiscal year.

The number of final entries approved for patenting the past year was 18,645 more than the preceding year, and was larger than in any previous year in the history of the division. There were also 49,161 letters and decisions written in this division the past year, being more than in any other year since its organization.

AGRICULTURAL LANDS IN INDIAN RESERVATIONS.

Instructions and schedules of land were issued the past year for the sale and disposal of agricultural lands in the following ceded Indian reservations, viz:

	Acres.
Chippewa Reservations, Minnesota.....	1,017,618.12
Red Lake Reservation, Minnesota.....	256,143.58
Rosebud Reservation, South Dakota.....	385,887.11
Devils Lake Reservation, North Dakota.....	88,948.39
Grande Ronde Reservation, Oregon.....	26,264.65
Total.....	1,774,861.85

LEGISLATION IN REGARD TO ARID LANDS.

On April 28, 1904 (see 33 U. S. Stat., 547), the act known as the Kinkaid Act became a law. This legislation is experimental, and is intended to solve the problem as to the disposition of lands not susceptible of irrigation. The law provides, in brief, that homestead entries in the State of Nebraska, west and north of certain designated lines, shall not exceed in area 640 acres, and must be in as nearly compact form as possible, and in no event exceed 2 miles in extreme length, and provision is made for additional entries of contiguous land by persons who own and occupy lands previously entered by them. The law also provides for the exclusion from the effect of the act of such lands as, in the opinion of the Secretary of the Interior, it may be reasonably practicable to irrigate under the national irrigation law or by private enterprise.

Instructions have already been issued under the Kinkaid Act for the disposal of 8,000,000 acres of land in Nebraska, and there have been withdrawn under said law 1,000,000 acres determined to be practically susceptible of irrigation.

RECLAMATION OF ARID LANDS.

Instructions were issued June 3, 1904, in regard to the Minidoka reclamation project in Idaho, under the act of June 17, 1902 (32 U. S. Stat., 388). This project comprises land in thirteen different townships, viz: Townships 9, 10, and 11 south, of ranges 22 and 23 east; townships 8, 9, 10, and 11 south, of range 24 east; and townships 8, 9, and 10 south, of range 25 east, estimated to contain from 125,000 to 150,000 acres. The "farm units" or limits of area allowed per entry in said project varies from 40 to 80 acres (except in fractional subdivisions, which are more or less), lands situated within a radius of $1\frac{1}{2}$ miles from the center of a town site, being divided into 40-acre units. The charge for the lands in this project will probably be from \$25 to \$35 per acre.

Instructions are also in course of preparation for the Truckee-Carson project in the State of Nevada. The lands included therein are in townships 18 and 19 north, ranges 28 and 29 east, Mount Diablo meridian, and embrace 21,580.89 acres. There are 239 "farm units" therein, varying in size from 40 to 160 acres. The price of lands in this project has been fixed at \$26 per acre, payable in ten annual installments.

The following statement obtained informally from the Geological Survey, shows, by States, the amount of land withdrawn under said act of June 17, 1902, up to June 15, 1904, the acreage thereof restored, and the lands remaining withdrawn after such restoration, viz:

State or Territory.	Withdrawn.	Restored.	Remaining with- drawn.
	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>
Arizona	3,325,000		3,325,000
California	1,968,300		1,968,300
Colorado	2,399,000	1,495,000	904,000
Idaho	3,694,760		3,694,760
Kansas			
Montana	9,013,600	1,035,000	7,978,600
Nebraska	2,599,000	46,000	2,553,000
Nevada	4,103,040	202,920	3,900,120
New Mexico	995,000	161,000	834,000
North Dakota	1,013,720		1,013,720
Oklahoma			
Oregon	1,504,000	91,520	1,413,080
South Dakota	1,680,290		1,680,290
Utah	92,000		92,000
Washington	4,278,530	69,000	4,209,530
Wyoming	3,289,200	944,690	2,344,510
Total	39,956,040	4,045,130	35,910,910

EXAMINATION OF CEDED CHIPPEWA LANDS IN MINNESOTA.

The work of examining the lands in the former Chippewa Indian reservations, ceded under the act of January 14, 1889 (25 Stat., 642), was brought to a completion March 31 last. There were examined during the past year 725,818.98 acres, embracing lands in the Pigeon River, Fond du Lac, Bois Fort, Deer Creek, Red Lake and Chippewa of the Mississippi reservations. Of the total lands examined 88,320 acres were classified as "pine" lands, and the estimates indicated that there are 172,445,000 feet of merchantable pine timber thereon.

All the lands in the different ceded Chippewa reservations classed by the examiners as "agricultural" have been opened to settlement and entry, except 20 townships in the Red Lake Reservation, the surveys of which have not yet been accepted, and except lands in the Fond du Lac and Leech Lake reservations, which, under section 5 of the act of June 27, 1902 (32 Stat., 400), can not be opened until the allotments to the Indians therein have been completed.

The timber on all the lands classed as "pine" has been sold or advertised for sale, except the timber on lands reserved for the pur-

pose of allowing the Forester of the Department of Agriculture to complete the selection for forestry purposes under said act of June 27, 1902. This selection on his part will be necessarily delayed pending the completion of allotments to the Indians and also until the flowage lines, caused by the construction of dams at the headwaters of the Mississippi River, have been definitely determined.

SALES OF CHIPPEWA PINE TIMBER.

There were two sales of pine timber on ceded Chippewa lands held at Cass Lake, Minn., in December last, 415,000,000 feet of timber being sold for \$2,650,903, or an average of \$6.38 per 1,000 feet. Twenty per cent of the amount of the sales has already been paid.

Instructions and schedules have also been issued for the sale at Cass Lake, Minn., on November 15 next, of the pine timber on 116,190.26 acres of "pine" lands, estimated to contain 210,774,000 feet of timber, and for the sale at the same place on November 17, 1904, of 95 per cent of the pine timber on 16,833.96 acres, estimated to contain 12,967,000 feet of timber.

LOGGING OPERATIONS ON CEDED CHIPPEWA LANDS.

During the past logging season, there were cut from ceded Chippewa lands 45,590,448 feet of timber, the price paid being \$269,198.12, or an average of \$5.90 per 1,000 feet. The expense to the Indians of logging said timber was \$14,421.82, or a little over 5 per cent.

Logging operations have, except as to about 1,400,000 feet still standing, been completed on the "pine" lands on fifteen of the school sections in the Red Lake and White Earth reservations, embracing 6,912.33 acres, the timber on which was sold at Crookston, Minn., on March 2, 1903. On these sections the scalers' reports show that there were 16,495,587 feet of timber cut. These sections, except as to one section examined in 1899, in which case the estimates and amount cut are about equal, were examined in the years 1893, 1894, and 1895 by Government estimators, who reported that there were only 10,151,000 feet thereon, or about 56 per cent of the amount of timber actually on the land.

Nine sections in the Chippewa of the Mississippi reservations, involving 2,440.49 acres, the timber on which was sold at Cass Lake, Minn., on December 5 last, were cut clean the past season, there being 4,789,115 feet cut, as against 4,241,000 feet estimated to be thereon by Government estimators.

For the timber on the twenty-four sections cut clean, except as to 1,400,000 feet as above stated and involving 9,352.82 acres, the price paid was \$109,847.61, or an average of \$11.74 per acre.

THE FOLLOWING STATEMENT SHOWS THE RESULT OF THE OPENING OF INDIAN RESERVATION LANDS AUTHORIZED BY ACTS OF CONGRESS PASSED DURING THE LAST SESSION OF CONGRESS, UPON THE RED LAKE RESERVATION, MINN., THE GRANDE RONDE RESERVATION, OREG., THE ROSEBUD RESERVATION, S. DAK., AND THE DEVILS LAKE RESERVATION, N. DAK.

As provided by the act of February 20, 1904 (33 Stat., 46), the Red Lake Indian lands of Minnesota were offered at public sale at Thief River Falls, Minn., commencing at 9 o'clock a. m., June 20, 1904, and said sale was continued until July 14, 1904, at which time the same was adjourned to be resumed at Crookston, Minn., October 3, 1904.

There were sold 610 tracts, aggregating in area 93,747.59 acres, amounting to \$589,117.20, or an average price of \$6.28 per acre.

The amount received at this sale was \$117,823.44, being 20 per cent of the total value of the land sold.

At the continuation of the public sale of Red Lake lands at Crookston, Minn., October 3 to 8, 1904, 1,035 tracts, containing 162,197.29 acres, were offered.

There were sold 129 tracts, containing 20,388 acres, for \$90,559.65. The purchasers paid one-fifth of the purchase price, amounting to \$18,111.93.

The highest bid received was \$9.70 per acre; the lowest \$4 per acre, and the average price was \$4.44.

The total acreage in this reservation offered at public sale was 255,945.16 acres, of which amount 114,135.87 acres were sold for \$679,676.85, one-fifth of the purchase price, namely, \$135,935.37, being paid by the purchasers.

There remain unsold 141,809.29 acres.

Sealed bids for the sale of a part of the Grande Ronde Indian Reservation lands in Oregon, as provided by the act of April 28, 1904 (33 Stat., 567), were received at Oregon City, Ore., land office, from 9 o'clock a. m. on Monday, August 1, 1904, until 11 o'clock on Monday, August 8, 1904.

The total area of this reservation offered for sale was 26,021.54 acres, divided into 181 tracts of approximately 160 acres each.

Three hundred and thirty-three bids were received for 111 different tracts, aggregating in area 16,418.48 acres, and ranging in price from \$1.25 to \$11.75 per acre, or an average price of \$4.05 per acre, amounting to \$66,497.21. Checks and money orders for \$13,215.44 were received, representing practically 20 per cent of the amount bid, and the recommendation of the acceptance of these bids has been approved by the Secretary of the Interior.

There are 9,603.06 acres for which there were no bids. The act

provided that no bids should be accepted until the sum of all bids received should equal or exceed \$28,500, and as \$66,497.21 were received for less than two-thirds of the lands offered for sale, the sale is considered highly satisfactory.

The unallotted and unreserved lands of the Rosebud Indian Reservation, S. Dak., aggregating in area 385,817.11 acres, divided into 2,412 claims of approximately 160 acres each, subject to disposal under the provisions of the act of April 23, 1904 (33 Stat., 254), were opened to homestead entry by registered applicants only during the first sixty days, and thereafter by the first legal applicant, in the order established by the drawing of July 28, 1904, at Bonesteel, S. Dak., August 8, 1904, and such opening continued for lands in that district until and including September 10, 1904, and thereafter at Chamberlain, S. Dak.

The law fixes the price of these lands at \$4 per acre, to be paid in installments and provides for reduction to \$3 and \$2.50 per acre after periods of three and six months, respectively, after opening and for disposal, for cash, under rules and regulations and slightly different conditions after expiration of four years after opening.

One hundred and six thousand three hundred and eight persons registered as applicants for said lands.

During the month of August, 1904, 938 homestead entries were made for these lands, aggregating in area 147,838.68 acres, upon which the first payment required under the act of April 23, 1904, *supra*, of \$1 per acre, was made, aggregating \$147,838.68.

Thirteen applications, under the President's proclamation of May 13, 1904, were received for the reservation from homestead entry for as many town sites in the ceded Rosebud Indian lands, South Dakota. After a careful investigation of the same and an examination of the tracts applied for in the field, the applications were, on July 28, 1904, submitted to the Secretary of the Interior, and the reservation of four town sites, covering 1,079.24 acres, was recommended, and on August 2, 1904, the recommendation was approved by the Acting Secretary of the Interior and the other applications were rejected.

The unallotted and unreserved lands of the Devils Lake Indian Reservation, aggregating in area 88,948.39 acres, divided into 556 claims, of approximately 160 acres each, to be disposed of under the provisions of the act of April 27, 1904 (33 Stat., 319), were opened to homestead entry by registered applicants only during the first sixty days, and thereafter by the first legal applicant, at the Devils Lake office, North Dakota, on Tuesday, September 6, 1904, at 9 o'clock a. m., and in the order established by the drawing of August 24, 1904, as prescribed by proclamation of June 2, 1904. Fifteen thousand and eighty-six persons registered as applicants for these lands.

These lands are to be paid for at the rate of \$4.50 per acre, as fol-

lows: \$1.50 when the entry is made, and the remainder in annual installments of 50 cents per acre.

The monthly report for September, which would include entries under this act, has not yet been received.

PUBLIC SURVEYS.

The areas covered by the surveys accepted by this Office during the fiscal year ended June 30, 1904, are as follows:

State or Territory.	Acres.	State or Territory.	Acres.
Alaska	1	North Dakota	529, 805
Arizona	430, 186	Oregon	359, 809
California	211, 524	South Dakota	1, 159, 134
Colorado	108, 590	Utah	305, 043
Idaho	505, 166	Washington	332, 454
Minnesota	274, 683	Wyoming	429, 141
Montana	2, 330, 007	Total	7, 394, 850
Nevada	68, 159		
New Mexico	351, 148		

By the act of Congress approved March 3, 1903 (32 Stat., 1116), making appropriations for sundry civil expenses of the Government for the fiscal year ended June 30, 1904, and for other purposes, there was appropriated "For surveys and resurveys of public lands" the sum of \$400,000, of which amount the Commissioner of the General Land Office was authorized to expend so much as he might deem necessary for examinations in the field, etc.

Out of said appropriation the sum of \$80,000 was set apart to cover the cost of examinations in the field, the sum of \$15,000 was reserved for emergencies, and the remainder, \$305,000, was apportioned among the several surveying districts.

The apportionments made to the several districts were as follows:

Alaska	\$50, 000	North Dakota	\$15, 000
Arizona	14, 000	Oregon	22, 000
California	15, 000	Utah	16, 000
Colorado	6, 000	Washington	32, 000
Idaho	32, 000	Wyoming	30, 000
Minnesota	10, 000	Examinations	80, 000
Montana	43, 000	Reserve	15, 000
Nevada	10, 000		
New Mexico	10, 000	Total	400, 000

Further apportionments were made from time to time to several surveying districts, and toward the end of the fiscal year contracts aggregating \$50,000 were awarded from the uncontracted balance of the appropriation, for resurveys in Routt and Rio Blanco counties, Colo., authorized by the act of Congress approved April 28, 1904 (33 Stat., 519).

During the fiscal year surveying contracts were approved aggregating \$444,789, payable from the regular appropriation for surveys

and resurveys, deposits by individuals, deposits by railroad companies, railroad repayments, the continuing appropriations per act of March 2, 1895, for surveys within railroad limits, and from the appropriation for the survey of abandoned military reservations, and appropriations for Indian surveys.

TRANSACTIONS IN THE SEVERAL SURVEYING DISTRICTS.

ALASKA.

The surveyor-general reports thirteen contracts for the survey of public lands and mission claims awarded during the year, the aggregate liability of which is \$46,000.

He recommends an examiner of surveys be assigned permanently to his district for the purpose of expediting action upon surveys.

Application for mineral surveys were received, covering 169 locations. Deposits for mineral surveys and office work thereon amounted to \$5,980. There were 59 non-mineral surveys completed and 31 of the same forwarded to this Office.

ARIZONA.

Of the annual appropriation \$28,000 was apportioned to this district. This is nearly treble the amount set apart the previous year and indicates the increased demands for surveys owing to the rapid development of the Territory. During the year all the surveys in San Francisco Mountain Forest Reserve have been completed and plats filed, except in the case of one contract, the surveys under which were rejected.

The mileage of surveys approved during the year aggregated 1,666 miles and the total acreage of lands surveyed 462,000.

In the mineral division of the Office there were orders issued for surveys of 460 claims.

The surveyor-general recommends that authority be given to connect the various mineral monuments with each other.

The record of office correspondence shows that 3,547 letters were written and sent out during the year.

CALIFORNIA.

The surveyor-general reports surveys of public lands contracted for amounting to \$9,557.30, and mineral surveys for which special deposits have been made aggregating \$10,260. Instructions for 156 mining surveys were issued. The business of the office has increased, both in miscellaneous and departmental letters, over the previous year.

Eight applications for public land surveys are now awaiting field inspection as to the bona fides of settlement. If these lands were embraced in awarded contracts the liability would reach over \$6,000.

The lands included in surveys approved during the year have an area of 176,889 acres.

Work upon the Spanish archives has progressed favorably, especially the indexing of manuscripts. Eighteen thousand and forty-one pages have been condensed into 622 closely written pages of English index. There were 158 visitors to these archives during the year.

COLORADO.

The surveyor-general reports 111,915 acres of agricultural land surveyed and accepted during the last fiscal year. The number of miles of line established is 459.

Contracts for resurveys especially authorized by Congress in Routt and Rio Blanco counties were let, amounting to \$50,000, just before the close of the fiscal year, and no returns were received.

In the mineral division there were 593 official orders for surveys of claims. They included 1,311 lode and 55 placer claims. The surveyor-general approved 610 surveys during the year, of which 1,563 were lodes and 57 placers, making this the banner State for mineral business.

Deposits for office work on the survey of mineral claims amounted to \$39,560.

Work on the diagrams segregating mineral from agricultural land has been proceeded with to the extent of constructing 78 original and 86 amended diagrams, together with 164 of same made on small scale and transmitted to this Office.

FLORIDA.

No apportionment from the regular appropriation for surveys was made to Florida. One contract amounting to \$500 was entered into, and two small "special instructions" surveys were issued for surveys of islands. Lists of swamp-land selections by the State of Florida have been recommended to this Office for approval. The State also filed a list of swamp lands aggregating 9,584 acres, which was recommended for rejection. Upon appeal the tracts were examined by a special agent and 1,606 acres reported as properly swamp lands. Seven applications for the survey of islands were received during the year.

IDAHO.

The surveyor-general in his report states that Idaho is settling up more rapidly than any other State, and asks that the standard parallels and meridian lines be extended over all the unsurveyed areas of the State in order to connect mineral monuments and facilitate subdivisional work.

Thirty-two thousand dollars was apportioned to Idaho out of the regular appropriation, all of which was contracted for in eight con-

contracts. Two contracts for surveys of railroad lands were awarded, the liability of which was \$1,926.

He reports 90 orders issued for surveys of mineral claims involving 314 locations.

There were 73 mineral surveys approved involving 204 locations.

LOUISIANA.

There were no contracts for surveys let during the year in this district.

The work of the surveyor-general's office is mainly directed to the issuance of certificates of location under the act of Congress approved June 2, 1858, and the preparation of patent plats under the act approved December 22, 1854, which work requires a large office force.

The surveyor-general states in his report that he has issued certificates of location in satisfaction of 10 confirmed private land claims aggregating 3,995 acres of land, making 85 certificates. He has during the year made and issued 130 patent plats with descriptive notes. As there remain 10,546 plats to be produced, he recommends an increase of appropriation for clerk hire.

MINNESOTA.

The surveyor-general, in his report for the fiscal year, states that there have been surveyed 7 full and 4 fractional townships of public lands, the field notes and plats of which have been prepared; 1 full and 2 fractional townships have been resurveyed, and plats and field notes made. Two full and 2 fractional townships of public land have been surveyed, but the office work is not completed.

There were resurveyed 7 townships of Indian reservation lands, the office work on which has been completed. In all, 1,257 miles of line were run and marked in the field. The area of the tract surveyed is 180,287 acres.

The work of finishing up the surveys in Minnesota is being pushed forward as rapidly as the appropriation and the force in the surveyor-general's office will warrant.

MONTANA.

This district received the largest apportionment for 1904, amounting to \$45,717, all of which was contracted for. In addition to this sum, special deposits from individuals and railroad companies were made and surveys authorized under the act of March 2, 1895, involving contracts, the total liability of which amounts to \$79,558. There were 6,000 miles of lines run and marked.

In the mineral department great activity is reported, the deposits for mineral surveys showing an increase of 10 per cent over the preceding year.

During the fiscal year orders have been issued to the surveyor-general to invite proposals for the survey and subdivision of the Flat-head and Crow Indian reservations, the cost of the survey being estimated at about \$90,000. The office work required to prepare advertisements and notices, inspect and tabulate bids for the surveys above outlined, prepare contracts and special instructions, examine returns, prepare plats and field notes in triplicate for transmission to this office combine to make this office the largest and most active of all the surveying districts.

NEVADA.

This district has a large amount of unsurveyed land. The original apportionment of \$10,000 for surveys was increased upon the request of the surveyor-general.

There were also surveys authorized from repayments by the Central Pacific Railway Company and from the Indian appropriation, contracts for all of which reached the aggregate of \$26,353.

During the year 62 orders were issued for mineral surveys, embracing 91 lodes and 9 placers. Eighty mineral surveys were approved, comprising 198 lodes and 4 placers. The amount deposited for office work on mineral surveys amounted to \$3,200, as against \$7,600 the previous year, showing a falling off in mineral business.

NEW MEXICO.

The apportionment last year to this district was increased to \$10,000, owing to the great demand for surveys and contracts amounting to this sum having been awarded.

Under the act of March 3, 1891, which provides for the survey of tracts not exceeding 160 acres, which tracts are denominated "small holding claims," there were awarded contracts for the survey of some 1,600 of these claims. When they are situated in townships to be surveyed, it is necessary to connect them with public-land corners, and the platting of the small holdings on a larger scale involves an immense amount of office work, as in some instances it requires 30 separate claim plats to a township. It is estimated that there are 8,900 small holding tracts to be surveyed.

The surveyor-general recommends an increase of apportionment to his district and an increase of compensation for surveys under the small holding claims act.

All the private land claims confirmed by the United States Court of Private Land Claims have been surveyed and approved. Survey of several private land claims confirmed by Congress are still pending. There were 131 mineral claims ordered surveyed during the year and \$3,760 deposited on this account, and the mileage of surveys, the returns of which were transmitted to this office, amounted to 1,865 miles.

NORTH DAKOTA.

In this district there appears, according to the report of the surveyor-general, surveys executed in the field during the year of 2,467 miles of line; about the same amount as in the previous year. The survey of the Fort Totten Military Reservation and of Devils Lake Indian Reservation in preparation for the opening was completed before the end of the fiscal year.

The surveyor-general reports that there remains but a very small part of the public lands in North Dakota to be surveyed, and he recommends that these lands as well as the unsurveyed lands in the Standing Rock and Fort Berthold Indian reservations be surveyed, which will complete all the surveys in that State.

OREGON.

In this State there is a temporary lull in the surveying work. The surveyor-general reports outstanding contracts the liability of which amounts to \$28,325.

Contracts awarded during the fiscal year amounted to but \$2,925. The remainder of the apportionment of \$22,000 was transferred to other districts when the demand for surveys was in excess of the sum allotted.

The amount of public land embraced in contracts, the returns of which were examined and approved by the surveyor-general during the last year, was 540,975 acres, with a mileage of 1,860 miles.

Orders for 55 mineral surveys were issued, embracing 152 lodes and 1 placer. He also platted and approved 41 mineral surveys, comprising 155 locations. The deposits by individuals for office work on mineral claims amounted to \$4,590.

SOUTH DAKOTA.

No apportionment was made to this district for public land surveys. The surveying operations have been confined to work upon Indian reservations and mineral claims.

The aggregate number of miles of surveys upon which office work was completed and returns forwarded to this office is 2,995. In addition to this, work has been done upon returns not yet ready for transmission, amounting to 1,200 miles of surveys. Considerable time has been spent in the preparation of township diagrams on a large scale, showing in a connected scheme all mining surveys. Deposits for office work upon mineral surveys aggregated \$8,030.

The surveyor-general advocates field examination of mining surveys.

Indian surveys were contracted for, the liability of which was \$4,500, and public land surveys amounting to \$1,000.

The mineral business of this office is extensive. During the year there were 83 orders issued for surveys of claims, embracing 368 lodes, and there were surveys approved, platted, and delivered embracing 457 locations.

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UTAH.

The work of this surveying district has been unusually large this year, owing to the preliminary surveys required for the opening of the Uintah Indian Reservation.

The sum of \$15,000 was apportioned to Utah for regular surveys. There were 3,748 miles of lines, embracing 1,082,000 acres of land, surveyed and approved by the surveyor-general.

The Indian reservation surveys contracted for amounted to \$94,000, and there were 18 contracts let for the work. At the close of the fiscal year all the contractors were in the field, and many of them had completed their surveys. In order to expedite the work, three examiners of surveys were assigned to inspect it.

The mineral department of the surveyor-general's office is one of the most active of all the districts, as is shown by the record of 632 orders for surveys of mineral claims and deposits for office work under the mineral laws, amounting to \$15,795.

The surveyor-general renews his recommendation for the examination of mineral surveys and restoration of mineral monuments.

WASHINGTON,

The sum of \$32,000 was set apart for surveys in this district. The surveyor-general reports the number of miles surveyed during the past fiscal year to be 2,269. The acreage of accepted surveys reached the total of 315,000 acres.

Contracts for surveys awarded during the year, payable from the regular appropriation, amounted to \$10,125; those payable from Indian appropriation, \$4,995; railroad surveys, \$14,365; in all, \$29,465.

Special deposits for office work on mining claims amounted to \$4,070. For surveys of railroad lands \$13,700 was deposited. There were 142 mineral claims surveyed.

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WYOMING.

The surveyor-general states in his report that he has approved returns comprising the survey of 6 townships and resurvey of 13 townships, covering in all 1,607 miles of line and 402,542 acres. His office has issued orders for the survey of 54 mineral claims, embracing 290 lode locations and 6 places. He has approved 99 lode locations and 4 placers. For office work on mining claims there were deposits aggregating \$6,775.

In his office 61 agricultural plats and 178 mineral plats were prepared, showing a slight decrease of business during the year.

EXAMINATIONS OF SURVEYS IN THE FIELD.

By the act of Congress making appropriations for sundry civil expenses of the Government for the fiscal year ended June 30, 1904, approved March 3, 1903 (32 Stat., 1116), there was appropriated for surveys and resurveys of public lands the sum of \$400,000. Of the amount appropriated the Commissioner of the General Land Office was authorized by said act to expend so much as he might deem necessary for examinations of surveys in the field, in order to test the accuracy of the work of deputy surveyors, and the examination of surveys heretofore made and reported to be defective or fraudulent. Acting under this authority, the Commissioner, with the sanction of the Department, set apart the sum of \$80,000 for field examinations.

There were employed during the year fourteen examiners of surveys, to whom instructions were issued for the inspection of surveys reported by the several surveyors-general as being ready for examination in the field. A portion of these examiners were actively engaged during the entire year, and the remainder were employed in the field during a part of the year according to the exigencies of the service and the conditions of the weather during the winter season. One clerk (an experienced surveyor) of the Division of Public Surveys was detailed as an examiner during a part of the year. The compensation and expenses of the examiners of surveys and the expenses of the detailed clerk were paid out of the fund of \$80,000 assigned for field examinations, except in the case of the examination of surveys of Indian reservations and surveys of private land claims, when the cost was paid from the proper appropriation for Indian surveys and from the appropriation for the survey of private land claims, respectively.

During the fiscal year surveys executed under contracts or special instructions issued in lieu of contracts in the several surveying districts were accepted after thorough inspection in the field by the examiners and subsequent critical examination of the surveying returns in this Office and comparison with the reports of the examiners, as follows:

Surveying districts.	Contracts.	Special instructions.	Surveying districts.	Contracts.	Special instructions.
Arizona	11	0	New Mexico	8	0
California	13	3	North Dakota	3	0
Colorado	2	1	Oregon	6	1
Idaho	8	0	South Dakota	5	0
Minnesota	7	0	Utah	8	0
Montana	23	1	Washington	16	1
Nevada	• 1	0	Wyoming	4	0

The surveys accepted during the fiscal year, as reported in the above table, consisted in most cases of complete surveys under given contracts; in other cases the acceptances covered partial surveys, the entire work not being returned during the fiscal year. In a number

of cases surveys were accepted which had been suspended during prior years on account of errors in the field work reported by the examiners of surveys, or on account of defects in the returns, and, in other cases, portions of the surveys under certain contracts returned during the year, which were found to have been in accordance with contract and instructions, were accepted, but other portions of the work under such contracts were suspended awaiting corrections in the field. In three cases the surveys were found to have been so poorly executed as to necessitate their being held for rejection.

In addition to the surveys accepted during the fiscal year 1904, after examinations in the field, there were accepted, without field examination, surveys executed under two sets of special instructions in California, one in Colorado, three in Idaho, five in Minnesota, three in North Dakota, and three in Washington. These surveys all involved small liabilities or were so inconveniently situated that the expense of examination in the field would have been disproportionate to the cost of the surveys. The evidence afforded by the office examination of the returns appeared to show that the surveys had been executed as required by the instructions given to the surveyor, who in each case bore a record for correct surveys, and they were accordingly accepted.

The surveys accepted during the fiscal year included surveys within the following Indian reservations, viz: Chippewa Indian Reservation, Minn.; Crow Indian Reservation, Mont.; Pine Ridge and Standing Rock Indian reservations, S. Dak., and Tulalip Indian Reservation in the State of Washington.

PRIVATE LAND CLAIM SURVEYS.

During the fiscal year there were received returns of the survey of the following private land claims in Arizona and New Mexico, confirmed under the provisions of the act of Congress approved March 3, 1891 (26 Stat., 854), entitled, "An act to establish a Court of Private Land Claims, and to provide for the settlement of private land claims in certain States and Territories," said surveys having been duly approved by the Court of Private Land Claims, viz: In Arizona, the San Jose de Sonoita grant and the San Rafael de la Zanza grant; in New Mexico, the Santa Teresa grant, Refugio Colony grant, and the San Miguel del Bado grant.

SURVEYS UNDER COMMISSIONER'S CONTRACTS AND INSTRUCTIONS.

There were a number of surveys accepted during the year which were executed under contracts made by and special instructions issued from this Office, viz: The resurvey of the boundary line between the State of Colorado and the Territories of New Mexico and Oklahoma; the completion of the survey of the east boundary of the Yellowstone

National Park; the completion of the surveys in several townships in Oklahoma where lands were omitted at the time of the original survey because of their mountainous character, and the survey of eight islands in Wisconsin, two in Michigan, and one in Iowa.

SUSPENDED AND REJECTED SURVEYS.

A gratifying improvement in the surveying service is indicated by the diminution in the number of surveys found, upon examination in the field, to be defective in execution.

The causes of nonacceptance of surveys are defects discovered in the returns either by the surveyor-generals or this Office; errors developed by the field examinations, such as imperfect alignment, insufficient memorials, faulty monumentation, excess of limit of error in measurements, failure to properly mark the monuments and bearing trees, general carelessness in the work, and fraudulent surveys, bearing no evidence of an attempt to comply with contract and instructions.

During the year surveys were suspended under two contracts in California, four in Nevada, one each in New Mexico, Oregon, Utah, and Wyoming. In all of these cases, with the exception of three contracts in Nevada, portions of the surveys under each contract were found to have been properly executed and were duly accepted, and the remainder suspended for necessary corrections in the field or in the returns. The entire work under three contracts in Nevada was suspended because of general failure to comply with the requirements of the Manual of Surveying Instructions, and a correction in the field was ordered.

The surveys under one contract in Arizona were rejected because of the failure on the part of the deputy surveyor to execute the surveys in his own proper person, as required by the terms of his contract. An appeal to the Department was taken in this case, and the action of this Office in rejecting the surveys was affirmed. In the case of one contract in New Mexico, the surveys were suspended several years ago and thirty days were allowed the deputy surveyor to correct the work in the field. An extension of time for making the corrections was requested by the deputy and granted by this Office. No steps having been taken by the deputy in the matter of perfecting his surveys, the same were, in February last, rejected by this Office and the surveyor-general was authorized to let a new contract for the work.

SOUTH BOUNDARY OF COLORADO.

During the last fiscal year the final returns of the resurvey of this boundary line were filed.

The field work of the resurvey was thoroughly inspected by an

examiner of surveys and the astronomical work tested by an experienced astronomical engineer connected with this Office. The monuments along the line were reported to have been well within the requirements of the contract and special instructions, and the examination of the field observations in the astronomical determinations showed very great care and accuracy on the part of the astronomer who conducted the instrumental work. The resurvey was accepted and maps filed in the offices of the surveyors-general of Colorado and New Mexico.

Since the re-establishment numerous inquiries have been received as to the effect of the new location of the line upon lands lying along the boundary which have been thrown into the Territory of New Mexico, and questions of jurisdiction have arisen in consequence.

This Office responds to such questions by the statement that the matter of adoption of this line as the true boundary between the State of Colorado and the Territories of New Mexico and Oklahoma and the change of jurisdiction over adjoining lands will have to be settled and determined by negotiations between the United States and the State of Colorado, or otherwise, and I recommend that Congress be invited to take appropriate action thereon, and also to provide at the same time for the closing of the lines of public surveys to the new line.

IDAHO-MONTANA BOUNDARY.

Congress at its last session authorized the survey and marking of the unsurveyed portion of the line between the States of Idaho and Montana, estimated at 450 miles, and there was appropriated for this purpose the sum of \$50,000.

Upon the recommendation of this Office, I was authorized by the Department to enter into contract with Howard B. Carpenter, whose experience and qualifications were of the highest character, and whose excellent work in surveying the south boundaries of Utah and Colorado has been noted in previous reports.

The Idaho-Montana boundary line is the only one remaining unsurveyed and unmarked of all the lines between States and Territories of the United States. It follows the divide or watershed of the Bitter Root Mountain Range southwardly until it reaches the Rocky Mountains, or Continental Divide, the crest of which it then follows to its intersection with the east boundary of Idaho.

The problem of ascertaining the true watershed of these two mountain ranges is an interesting one, requiring accurate judgment and experience in mountain topography and involving a multitude of reconnaissance surveys as the establishment progresses.

This important work was begun by the contractor in the spring of 1904, and will probably require two seasons to complete.

LATITUDE AND LONGITUDE OBSERVATIONS TO DETERMINE LIMITS OF
PUBLIC LANDS IN NEW MEXICO AND OKLAHOMA.

At the date of my last report Mr. Arthur D. Kidder, examiner of surveys of this Office, who was detailed to ascertain the true location of the one hundred and third meridian (east boundary of New Mexico) and also the proper intersection of this meridian with the latitude of 32° north and the intersection of the one hundredth meridian with the latitude of $36^{\circ} 30'$ north had nearly completed his determinations.

During the last fiscal year Examiner Kidder completed his work, all the observations and determinations have been finished, and the results worked up in a detailed report submitted by him to this Office. This report, which is very thorough and exhaustive, giving all particulars of astronomical observations, deductions, and calculations, exhibiting very clearly the conditions which exist along the one hundredth and one hundred and third meridians and the above-named latitude lines, and giving the amount of variation from their proper positions, was forwarded to the Department, with the suggestion that it be transmitted to Congress for the basis of any legislative action looking toward a re-establishment of the boundary lines of Oklahoma, New Mexico, and Texas which that body may deem best to take.

FIELD EXAMINATION OF SETTLERS' APPLICATIONS FOR SURVEYS.

Under the "Timber and Stone Act" lands can be entered only after having been surveyed, and as the demand for the entry of lands under this act had reached enormous proportions in heavily timbered regions, owing to the desire to secure the timber, large areas were surveyed upon affidavits of settlement which were afterwards discovered to be fictitious. Parties were found to be engaged in manufacturing applications for surveys, and on rocky land covered with thick growth of valuable timber it became a business to erect rude cabins of logs and to make a pretense of clearing off the land in order to form a basis to sworn statements that bona fide settlement was accomplished.

During the last year it was decided to use the corps of examiners of surveys to investigate in the field all applications for surveys which alleged settlement, and the result has proven the wisdom of this course.

In the timbered regions no real settlement to any extent was found, but in most cases a mere camping hut, without furniture and destitute of the means of housekeeping, was all that the examiner could discover on the ground. It was learned that these alleged settlers resided in distant towns and cities, and that they were induced to lend their names by promises of rewards after the survey was accomplished, evidently having no intention to make their homes on the land.

This investigation has thus far resulted in materially checking the rapid absorption by unscrupulous persons of the valuable timber now standing on the public lands in the mountain districts.

WITHDRAWALS OF LAND UNDER THE RECLAMATION ACT.

Under your direction, this office has charge of the withdrawals of land for irrigation purposes. It carries out the orders of the Department in these cases by directing the local land offices to note that entries are suspended in certain townships.

Under the act two forms of withdrawal are authorized.

The first form makes provision for absolute withdrawal from all forms of disposal, owing to the desire on the part of the Department to use the withdrawal tracts for reservoir sites.

The second form suspends all disposals except for homesteads, and restricts the latter to certain limited areas and provides that the homesteader shall conform to requirements in respect to using the water. These withdrawn lands are the tracts intended to be benefited by the irrigation works, and they are made temporary at first so that in case the project is not found feasible the lands may be restored to entry.

This office records and promulgates all withdrawals, which involves considerable clerical labor, as the amount of acreage of withdrawn lands at the close of the fiscal year was in excess of 33,000,000 acres, consisting of blocks of land set apart from time to time upon recommendation of the Director of the United States Geological Survey as the surveys progress.

SURVEYS IN UINTAH INDIAN RESERVATION.

This large reservation, embracing over 2,000,000 acres, was by Congressional enactment authorized to be surveyed in its entirety and thrown open to settlement and entry on October 1, 1904.

Township and subdivisional surveys had been made within the reservation twenty and thirty years ago for the purpose of allotment, and the additional surveys authorized were intended to complete the subdivision of the whole reservation. Contracts were let amounting to \$94,000, but owing to early snows in 1903 only a small portion of the eighteen contracts was finished, and it was found that the field work of the remainder could not be finished in the season of 1904, examined, and field notes and plats prepared in time to admit of opening the reservation on October 1, 1904. Congress then extended the time to March 10, 1905.

At the close of the last fiscal year many of the contracts were completed and inspection was in progress. It is believed that all the surveys will be executed and allotments made before the end of the calendar year, so that the opening may take place at the time appointed. The only contingency that may arise, and it is one that accompanies all public land surveys, is that the surveys may upon inspection be pronounced defective in some particulars and require correction in order to conform to the requirements of the Manual, but as extraordi-

nary precautions were taken to let contracts for this work only to reliable surveyors, it is thought that few erroneous surveys will be made.

SURVEYS IN ALASKA.

At the date of my last report this Office was awaiting the result of an investigation to be made by an examiner of surveys ordered to Alaska to inquire into the conditions there in respect to surveys of the public lands.

Mr. J. Frank Warner was selected for this mission and has made a thorough investigation of Alaskan surveys. His report is appended.

This Office had previously suspended action on numerous claims surveyed under the act of June 3, 1891, and the act of May 10, 1898, as the returns of such surveys seem to indicate that the law had not been strictly complied with. The examiner's report confirmed the correctness of this surmise, and this Office rejected the surveys, requiring new and correct lines and the establishment of adequate corners.

The matter of initiating the mission surveys was inquired into, and after receiving the examiner's report, contracts for the survey of all of the mission claims were authorized. Owing, however, to the delays incident to the vast distance to the surveyor-general's office, and to misunderstandings on the part of the contractors as to compensation, this Office succeeded in perfecting only a small fraction of the contracts for the groups of mission surveys at the close of the last fiscal year. It is expected that this work will now proceed to completion by the close of another year.

The establishment of the base and meridian lines necessary to initiate the rectangular system of public land surveys in Alaska has been attended with much difficulty, owing to the reluctance of reliable surveyors to undertake such work in the face of the enormous obstacles found in this district. The report of an examiner was awaited prior to selecting a surveyor for the work.

Upon his recommendation a contract was entered into with a deputy surveyor who, it is believed, is qualified to carry the work of the basic lines to a successful completion. The contract was let during the last fiscal year, but it is doubtful if the surveys will be finished during the season of 1904.

Owing to insurmountable difficulties in the establishment of the regular base, standard, and meridian lines, difficulties which were not met with outside of Alaska, the progress of public surveys in Alaska will necessarily be vexatiously slow, but as soon as the base and standard lines are surveyed it is expected that the surveys of the desirable lands will proceed with greater expedition than this office has up to the present time been able to attain.

RESURVEYS IN COLORADO.

At its last session Congress authorized extensive resurveys in north-western Colorado, in Routt and Rio Blanco counties, there having been brought to the attention of Congress the fact long known to this office that grave defects existed in the original surveys executed many years ago at a time when no inspections were made prior to payment therefor.

Nearly a hundred townships were involved. The surveyor-general of Colorado was directed in June last to enter into contracts for resurveys, the liability of which amounted to \$50,000. Ten contracts were let, and the work is being vigorously prosecuted.

RAILROAD GRANTS.

During the fiscal year there were certified and patented under the several grants made by Congress to aid in the construction of railroads and wagon roads 4,551,071.66 acres, and 216 railroad and wagon-road patents were issued.

Of the area embraced in railroad and wagon-road listings and selections, 4,660 acres were canceled.

There were docketed and reinstated during the year 461 cases, and 348 were closed. Of the 1,200 cases pending at the close of the year, 178 only were ready for action, the balance having been already decided or suspended. Of the 1,130 entries on hand for action during the year, 418 were disposed of, leaving 712 pending June 30, 1904, of which 342 are included in docket cases and 345 are suspended, leaving 25 ready for action.

The 385 applications for lands within the State of Michigan which were pending at the beginning of the year have all been disposed of.

Of the 10,577 letters that were on hand for action during the year all but 205 were disposed of.

ADJUSTMENTS.

The suit brought by the United States against the Northern Pacific Railroad Company and the Northern Pacific Railway to cancel patents issued to the railroad company, to which the railway company is successor, was decided by the United States Supreme Court February 23, 1904 (193 U. S., 1), in favor of the company, and relieved from suspension a large number of claims for lands lying north of Portland, Ore., and within the overlapping limits of that company's grant by the joint resolution of May 31, 1870, and the forfeited portion of its grant by the act of July 2, 1864. All these claims have been examined with a view to their adjustment under the provisions of the act of July 1, 1898 (30 Stat., 597, 620), excepting those wherein patents have issued and which for that reason do not come within the purview of said act;

159 have been listed for approval and have been approved by the Department for relinquishment by the company, and the company has been called upon to make the relinquishments. The remainder, excepting the few cases where the individual claimants have elected to relinquish, and which have received appropriate action, have either been rejected as not coming within the law authorizing the relinquishment, or the settlers called upon to make their election to retain or relinquish the land, or are ready for listing for submission to the Department for approval for relinquishment by the company.

In addition to the above there have been before the Office for action during the year 849 cases under the act of July 1, 1898, in different localities, 244 of which have been closed, and 457 were considered and received action looking to the final disposal. The railroad company has filed relinquishments in 248 cases, embraced in 24 lists, approved by the Department, and relieved them from conflict.

The act of March 2, 1899 (30 Stat., 993), provided for the relinquishment by the Northern Pacific Railroad Company to the United States and the selection of other lands in lieu thereof of the Mount Rainier National Park and the Pacific Forest Reserve, and the release and reconveyance was duly made. The lines of survey have been protracted by calculation over said park and reserve, and the area of the odd-numbered sections therein and within the primary limits of the company's grant, which are the lands this Office has held the company is entitled to relinquish and select lieu for, has been computed and a complete examination has been made of all lists of selections filed by the company in lieu of the land relinquished, but the claims of the company under this act could not be finally adjusted and closed for the reasons that many of the selections are still unsurveyed and some are in conflict with other claims, and also that the company claims the right of selection in lieu of lands within its indemnity limits and the Pacific Forest Reserve, which question has not yet been determined by the Department.

An examination has been made of the lands lying within the overlapping indemnity limits of the grant to the Southern Pacific Railroad Company, main line, and the primary limits of the forfeited Atlantic and Pacific Railroad grant, and lists prepared of all the lands therein which have been patented to the Southern Pacific Company, of all lands which have been selected by said company but not patented, and of all lands which have been applied for by it and the applications are pending, for the purpose of preparing a record for the institution of suit against the Southern Pacific Company for the recovery of the patented lands and for quieting the title in the United States in all other odd sections of lands within said overlap, the right of selection of which is claimed by said company, and the suit has been brought.

Upon examination of the proofs made on their holdings by settlers

in New Mexico, known as "small-holding claimants," under sections 16, 17, and 18 of the act of March 3, 1891 (26 Stat., 854), as amended by the acts of February 21, 1893 (27 Stat., 470), and June 27, 1898 (30 Stat., 495), it was found that their claims covered in whole or in part odd-numbered sections within the limits of the grant to the Atlantic and Pacific Railroad Company which had passed under said grant and could not be secured to the settlers. The railroad company was called upon to relinquish its claim under the provisions of the act of June 22, 1874 (18 Stat., 194), but declined to do so for the reason that the claims of the settlers in many instances covered but a small part of a section, and such part being the only part fit for agricultural purposes would leave the balance of the section unsalable; and thereupon Congress passed the act of April 28, 1904 (33 Stat., 556).

This latter act authorizes the railroad company, when requested by the Secretary of the Interior so to do, to relinquish to the United States any part or the whole of any section covered by the claims of these settlers within the Territory of New Mexico and select other lands of equal quality in lieu thereof, as may be agreed upon with the Secretary of the Interior. Following this act, an examination was made of the records and plats of this office and a list of all the small-holding claimants shown by them was prepared, which, together with instructions for carrying the act into effect, was transmitted to the local land officers.

Under the act of March 3, 1903, which provided for the relief of certain settlers in Alabama on lands within the limits of the grants to aid in the construction of the Mobile and Girard and the Tennessee and Coosa railroads by authorizing the relinquishment to the United States of any land recovered in any court of competent jurisdiction from such settlers, by either of said railroad companies or its assigns, releases have been made, submitted to, and accepted by the Department in 104 cases, and proper action looking to securing title to the homesteaders or the parties claiming under them have been taken.

The large number of cases involving lands within the State of Minnesota and within the limits of the grants by Congress to aid in the construction of the St. Paul, Minneapolis and Manitoba Railway, main line and branches, which had been suspended pending the adjustments of said grants and were relieved from suspension during the previous year by the completion of the adjustment, have all been disposed of.

Congress passed an act, which was approved February 26, 1904 (33 Stat., 51), for "the relief of settlers on lands in Sherman County, in the State of Oregon." The lands referred to are those lying within the limits of the grant by the act of February 25, 1867 (14 Stat., 409), to aid in the construction of The Dalles military wagon road, and the withdrawal on that portion of the grant to the Northern Pacific Rail-

road (now Railway) Company along the Columbia River between Wallula, Wash., and Portland, Ore., which was declared forfeited by the act of September 29, 1890. Under a departmental ruling these lands were held to have been excepted from the wagon-road grant, were opened to entry, and numerous parties settled upon them and made entries. Subsequently, the United States Supreme Court decided that they passed under the wagon-road grant, and the claims of the settlers having failed, it was with a view to the relief of persons who made settlement, entry, and improvement of these lands that the act of February 26, 1904, was passed.

That act authorized and directed the Secretary of the Interior to make a very extensive investigation to determine what claimants there are, the reasonable value of the lands settled upon, the dates of the settlements, and the value of the improvements of the several classes at the several dates named.

Instructions have been prepared and transmitted to the local land officers, and a special agent, who has been detailed to make the investigation, for their guidance in collecting the information desired by Congress.

Instructions under the act of April 19, 1904 (33 Stat., 184), "for the relief of certain settlers upon Wisconsin Central Railroad and The Dalles Military Road land grants," were prepared, approved by the Department, and issued.

This act directed that certain persons who settled upon and improved lands in Wisconsin within the conflicting limits of the grants to the Chicago, St. Paul, Minneapolis and Omaha Railway and the Wisconsin Central Railroad grants, and the lands in Oregon above described, be given credit for the period of their bona fide residence upon, and the amount of their improvements made on the lands for which they were unable to complete title, when making proof on homestead entries of other lands; but it is not believed that the settlers on The Dalles Military Road lands will seek the benefits of this act, in view of the legislation contemplated by the act of February 26, 1904 (*supra*).

RIGHTS OF WAY.

By the act of March 3, 1875 (18 Stat., 482), Congress granted to railroads upon certain conditions right of way through the public lands.

Rights of way for railroads, wagon roads, and tramroads in Alaska were granted upon certain conditions by the act of May 14, 1898 (30 Stat., 409).

Under the provisions of these acts and special acts, 664 companies have filed articles of incorporation which have been accepted, 34 of which were accepted during the fiscal year ended June 30, 1904.

Right of way has been approved to 615 companies, 20 of which received their first approval during the same period.

There were received during the year 509 maps of locations of railroads, which, with those already pending, made a total of 628 maps on hand for action during the year; of these, 172 have been approved, 30 have been filed (not requiring approval), and 397 have been otherwise disposed of, 21 of which were rejected, the rest having been returned for correction, leaving 33 awaiting action June 30, 1904.

Under sections 18 to 21 of the act of March 3, 1891, as amended by section 2, act of May 11, 1898, rights of way have been approved to 579 companies, individuals, and associations of individuals, of which 138 received their first approval during the past year.

There were received during the year 464 maps, which, with those already pending, made a total of 561 maps on hand for action during the year; of these, 151 have been approved, 20 have been filed (not requiring approval), and 288 have been otherwise disposed of, a few of which were rejected, the rest being returned for correction, leaving 102 awaiting action June 30, 1904.

Under the act of February 15, 1901, authorizing the Secretary of the Interior to permit the use of rights of way through public lands, reservations, or national parks for telegraph and telephone lines, electrical and water plants, canals, reservoirs, etc., for the storage and conveyance of water, and all beneficial uses, applications have been approved for 33 companies, individuals, and associations of individuals. Twenty eight maps filed under the provisions of this act were pending July 1, 1903; 56 maps were received during the year, of which 33 were approved and 20 otherwise disposed of, most of the latter by returning for correction.

By the act of January 13, 1897, the construction of reservoirs for watering live stock upon unoccupied public lands, not mineral or otherwise reserved, is permitted upon certain conditions. There were pending under this act at the beginning of the year 4,073 declaratory statements; there were received during the year 858 new applications, making a total of 4,931 applications susceptible of being acted upon during the year. Of these, 2,459 were acted upon as follows: Canceled or relinquished, 1,986; held for rejection or amendment, 419; approved, 54. The foregoing number having been acted upon, there remained pending unacted upon on June 30, 1904, 2,472 applications of this character.

Under the provisions of the tramroad act of 1895, as amended by the act of 1898, applications for permission to use right of way have been approved to 12 companies, individuals, and associations of individuals, 2 of which received their first approval during the past year. There was received during the year under these acts 1 map, which, with those already pending, made a total of 3 maps on hand for

action during the year; of these 2 were approved as aforesaid and 1 returned for correction (since which time it has not been refiled), thus clearing the docket of maps of this character.

By section 4, act of August 18, 1894 (28 Stat., 372-422), provision is made for the donation to each of the States in which there may be situated desert lands of not more than 1,000,000 acres of such lands as the State may cause to be irrigated, reclaimed, occupied, and cultivated by actual settlers. This act has been amended by a provision of the act of May 11, 1896, to the effect that a lien is authorized to be created by the State upon the lands segregated, and that when an ample supply of water is actually furnished to any tract or tracts thereof, patent shall issue to the State for the same without regard to settlement or irrigation; and a further amendment by section 2, act of March 3, 1901 (31 Stat., 1133-1188), by which it is provided that the time for the reclamation of the lands in each list shall be ten years from the date of its approval. If the land shall not be irrigated and reclaimed in that time, the Secretary of the Interior may continue the segregation of the land for a period not exceeding five years, or he may restore such lands to the public domain.

Lists have been filed by the States during the year, as follows:

	Acres.
State of Colorado, 1, covering	1, 381. 27
State of Oregon, 5, aggregating	17, 783. 60
State of Wyoming, 5, aggregating	86, 019. 63
State of Idaho, 2, aggregating	111, 130. 77

Lists have been approved during the year, as follows:

	Acres.
State of Idaho, 2, aggregating	24, 241. 22
State of Montana, 1, covering	3, 675. 22
State of Oregon, 2, aggregating	28, 284. 83
State of Wyoming, 7, aggregating	236, 986. 93

Patents have been issued under said act during the year, as follows:

	Acres.
State of Montana, 1, covering	10, 104. 03
State of Wyoming, 3, aggregating	18, 413. 03

There have been relinquished, rejected, and otherwise disposed of lands in Colorado, Idaho, Montana, Nevada, Oregon, Utah, Washington, and Wyoming aggregating 610,334.35 acres.

PRIVATE, INDIAN, SCHOOL, AND ARID LANDS.

The scope of the work of this division is the same as it was at the date of the last annual report.

There have been 2,345 entries under the various public land laws approved for patenting, 41 small holding or donation claims, 45 private land claims, and 3,013 Indian allotments, making a total of 5,444 cases approved for patent. Ten applications for scrip under the act

of June 2, 1858, have been approved, embracing 1,582.32 acres, and four applications have been rejected.

Of original desert land entries 7,689 have been examined, 10,816 yearly proofs, and 764 assignments, and 1,617 entries have been canceled.

Two thousand four hundred and twenty-nine original timber-culture entries have been canceled, 134 contests decided, and 106 closed during the year.

Selections under various grants to the different States have been approved for 487,064.51 acres.

There are pending 70 preemption entries, 2,565 final desert-land entries, 427 final timber-culture entries, 78 commuted timber-culture entries, 108 town-lot entries, and 1,271 Indian allotments. The State selections pending embrace an area of 1,685,002.46 acres, of which 1,177,338.08 acres are embraced in school-indemnity lists. For many years a large number of private land claims have been reported as pending, but this does not correctly represent the situation. While many private claims remain unpatented, they are not strictly pending before this Office; because, while duly confirmed and surveyed, they have never been called up by the confirmees or their legal representatives, and the owners being unknown to this Office, it has long been the practice to issue patents only for such claims as are called up by the interested parties. Of these cases there are very few which have not been approved for patenting.

A large proportion of the extensive private grants in the Territory of New Mexico have not been patented, for the reason that the owners have not reimbursed the Government for the cost of survey, as provided by law.

Forty town-site entries have been received and approved for patenting, and 39 town-site entries have been received and are pending.

CONTESTS.

The work of this division consists of the examination and decision of contests in homestead, timber culture, desert land, and timber and stone entries.

The cases that are examined in this division as the result of contests initiated in the various local offices are classified as follows:

First. Cases on appeal from decisions of the local officers on the merits thereof, called docket cases.

Second. Cases on appeal from the rejection of application to contest, applications to make entry, and other ex parte proceedings, called miscellaneous appeals.

Third. Cases in which there is no appeal from the decision of the

local officers, but which must be reviewed by this Office in order to determine whether the decisions are rendered in accordance with existing laws and regulations, called unappealed cases.

Fourth. Applications to be permitted to contest an entry of record, or for hearings before the local officers where the same have been denied, or the local officers have no power under the rules and regulations to grant the same.

Fifth. Motions for rehearing and review.

During the last year there has been not only a large increase of land contests over any previous year, but the amount of work performed far surpasses that of any previous year, considering the number of clerks engaged in this work.

There were 1,128 appealed cases received from local offices during the year, an increase of 204 over the preceding year. There were 1,234 appealed cases decided, an increase of 826 over the preceding year.

There were 4,786 unappealed cases examined and closed during the year, an increase of 782 over the preceding year.

There were 3,000 more letters and decisions written in this division than during the preceding year and an increase of 200 appeals to the Secretary for the year.

This division is about seven months behind on appealed cases and three months on unappealed cases, a gain of three months and one month, respectively, for the year.

SWAMP LANDS AND SWAMP LAND INDEMNITY.

New claims to swamp land in place were reported during the year ended June 30, 1904, in favor of the several States to which the swamp land grants have been extended, amounting to 259,691.27 acres. This is an increase of 27,575.56 acres over the amount reported during the preceding year. The amount of swamp lands patented was 259,207.23 acres, a decrease of 2,650,540.65 acres from the acreage patented the preceding year, which is accounted for by the fact that during that year one patent was issued covering 2,862,280 acres, in the Everglades and Mangrove Swamp of Florida. Claims to the amount of 128,795.80 acres were rejected.

Swamp land indemnity claims were finally disposed of as follows:

Cash indemnity paid amounting to \$1,926.20, on the basis of 1.540.96 acres; land indemnity certified 200 acres; and cash and land indemnity rejected on the basis of 121,080 acres.

The number of contests against swamp land claims decided was 90; and the number of entries and locations in conflict with swamp land claims relieved or canceled was 148.

UNITED STATES AND STATE MAPS.

The completion and delivery of the 1902 United States map was prevented after the receipt of only 200 copies by the Baltimore fire, and on March 1, 1904, the lithographers were advised of their release from further liability under the contract. By act of Congress approved March 28, 1904, the unexpended balance under this contract was made available for the 1904 edition. Steps were immediately taken to hasten the completion of the 1903 edition, and about 3,000 copies of this map have been received up to June 30, 1904.

The work of bringing the copper-plate base of the United States map up to date for the 1904 edition is being pushed as rapidly as may be. Contract for lithographing 63,000 copies of the 1904 map, more or less, has been entered into with a Philadelphia firm, who have expressed their readiness to take up the work promptly, as soon as transfers are delivered to them, which will be in a few weeks. The contract for printing this edition provides that within five weeks after order is received to print, the first 10,000 copies are to be delivered; that four weeks shall be allowed for the delivery of the second and each succeeding 10,000 copies, and that the entire edition is to be completed within twenty-five weeks after the work of printing is begun.

The compilation of a map of Washington is well in hand; maps of Wyoming and Minnesota have been revised and partly recompiled, and are ready for final tracing; while a new map of Michigan is now ready for the lithographers, as soon as contract is entered into for the new fiscal year. New editions of Nevada, New Mexico, and Arizona have been received since June 30, 1903.

MINERAL LANDS.

There were pending July 1, 1903, 2,967 mineral entries, and 1,821 were received during the year, of which number 2,591 were approved for patenting and 42 canceled. And there were pending on July 1, 1904, 2,155 entries, of which 1,221 are awaiting examination and 934 have been examined and suspended.

There were pending July 1, 1903, 129 coal entries, and 210 were received during the year, of which number 172 have been approved for patenting and 167 were pending July 1, 1904.

On July 1, 1903, there were 141 mineral contests pending, and 83 were received during the year, of which number 102 have been decided and closed, leaving 122 pending July 1, 1904, of which number 97 have been examined but not closed and 25 awaiting original examination.

PROTECTING PUBLIC LANDS.

On July 1, 1903, there were pending in this division 18,341 entries and filings awaiting reports from special agents or action upon reports already received or hearings had under such reports. During the past

year there have been received in the division 10,224 entries and filings. Of the total number, 1,290 entries were held for cancellation or suspended on special agents' reports; 540 hearings were ordered on such reports; 1,231 entries were canceled for various reasons; and 1,592 entries were approved for patent; 7,285 entries were relieved from suspension and referred to other divisions for appropriate action, leaving 18,457 entries and filings in this division July 1, 1904. Nearly all of the pending entries are in course of examination by either the special agents or the office with a view to their final disposition. The slight increase in the number of alleged fraudulent entries pending in this division over that shown by my last annual report, is due largely to departmental instructions of November 18, 1902, directing investigation of timber and stone entries in the States of Oregon, California, and Washington. The special agents have been directed to report the result of their investigations of this class of cases at the earliest possible moment, and the office has been exerting every effort to lessen the number of entries under suspension. More than 6,000 of such entries have been relieved from suspension during the past year.

With respect to unlawful inclosures, 137 reports were received, showing an area of 1,353,567 acres of public land unlawfully inclosed. Through the efforts of the special agents, 39 unlawful inclosures, embracing 717,505 acres of public land, have been removed, and proceedings are pending to compel the removal of the remaining cases reported. Specific instructions have been given the special agents to secure the removal of all unlawful inclosures upon the public lands, and the Office is pleased to say that material progress is being made in this direction, many of the maintainers of such inclosures proceeding to remove their fences as soon as their attention is called by the special agents to the requirements of the law. In some cases, however, legal proceedings have been found necessary to impress upon the violators of the law the determination of this Office to keep the public lands open to the home builder.

In the matter of timber depredations there has been a notable decrease both in the value and amount of timber unlawfully taken from the public lands. During the year, 347 cases of timber trespass were reported, involving timber of the value of \$337,515.43; 48 civil suits were recommended for the recovery of damages for such trespasses; 68 propositions of settlement, involving \$53,398.40, were accepted; and the sales of timber unlawfully cut, and seized by special agents as Government property, amounted to \$9,668.43. There was turned into the public Treasury for fines imposed and judgments rendered in prosecutions for timber trespass the sum of \$17,270.86, and the amount recovered through compromises of timber trespass suits was \$25,733.90. On July 1, 1904, there were pending in the United States courts 125 civil suits for the recovery of \$2,009,863.30,

representing the value of timber alleged to have been unlawfully taken from the public lands, and 324 criminal prosecutions for cutting and removing such timber in violation of law.

In my last annual report mention was made of the fact that the act of March 11, 1902 (32 Stat., 63), permitting the affidavits, proofs, and oaths required of applicants under the homestead, preemption, timber-culture, desert land and timber and stone laws to be made before certain officers named in the act, other than the local officers, had facilitated the making of entries in violation of law. To remedy this evil as far as possible the local officers have been directed to advise parties desiring to make final proof before other officers than themselves that the final proofs, if so made, would possibly be suspended until an examination thereof could be had by a special agent. The special agents have been directed, when parties insist upon making final proofs outside of the local offices, to arrange such times and places therefor as will permit of their being present to examine the claimants and witnesses. This plan it is hoped will result in materially reducing the number of hearings in connection with alleged fraudulent entries, and every effort is being made to secure an investigation of all claims prior to the issuance of final certificates, in which the local officers and the special agents are not satisfied that the law has been complied with.

With respect to soldiers' additional homestead rights, under sections 2306 and 2307 of the Revised Statutes, the Office is vigorously prosecuting an investigation of all assignments which are not absolutely perfect upon the face of the records. Experience has demonstrated the necessity for a rigid inspection of these claims. During the past year 237 of these applications have been canceled and 346 have been relieved from suspension. All soldiers' additional cases are now examined by this division and are by it referred to special agents whenever investigation is deemed necessary.

There is a growing need for a large and especially for an efficient force of special agents to protect the public interests in the unappropriated portions of the public domain. During the past year the Office has exerted every effort to give the special service branch of the work the attention it deserves. Instructions have been issued in which the duties of the agents are clearly pointed out. Books for keeping their records in a business-like manner have been supplied. They have been made to feel that they are a part of the Office, and they have shown a gratifying disposition to heartily co-operate in the efforts of the office to attain a high standard of efficiency in this branch of the service. In appreciation of the work of the Office Congress has appropriated an amount sufficient to permit of the employment of about seventy-five agents. The showing made by the detailed statement of the work of this division, with respect to the number of

reports received from the special agents during the past year, has reference only to those matters which required the making of formal reports as a basis for action by this Office. A large part of their work is performed in connection with matters, such as representing the Government at hearings in land cases; assisting the United States attorneys, and testifying in legal proceedings involving the public lands; preventing the spread of forest fires upon the public domain, and lessening the causes in which the fires have their origin; supervising the cutting of timber upon the public lands under free permits, and investigating more or less unfounded complaints of timber trespass, fraudulent entries, and unlawful inclosures, in which it has been found to be impracticable to require them to make extended reports, and in which the action taken by them appears only in their weekly detailed statements of work done. The most efficient special agents are those who, by prompt and intelligent action in their field, put a stop, in their inception, to fraudulent and unlawful schemes in connection with the public lands, thereby rendering action by the Office unnecessary.

FOREST RESERVES.

Since June 30, 1903, nine additional forest reserves have been established under section 24 of the act of March 3, 1891 (26 Stat., 1095); one has been abolished (the Crow Creek Forest Reserve, in Wyoming); the areas of four have been somewhat reduced; two have been enlarged; and two have been consolidated, as follows: The Pine Mountain and Zaca Lake Forest Reserve and the Santa Ynez Forest Reserve, in the State of California, have been consolidated under the name of the Santa Barbara Forest Reserve. In effecting this consolidation an additional area consisting of a private land grant lying between the two reserves was included.

There are now 59 forest reserves, created by Presidential proclamation under said act of March 3, 1891, embracing 62,763,494 acres.

The total increase in the area of forest reserves since June 30, 1903, is 408,529 acres.

The work in this Office connected with the extension of forest-reserve area and the adjustment of boundaries of existing reserves has now reached the stage where most careful deliberation is demanded, the most urgent need for establishing such reserves having been met. Both the importance of the objects to be accomplished by the reserves and the many local interests to be considered necessitate great care in proceeding further in this direction. The Government can well afford, at this juncture, to delay action in establishing additional reserves until the force of forest experts now engaged upon the work can, by practical field examinations and the necessary scientific research, establish beyond reasonable doubt in what localities and to what extent further areas should be set apart for this purpose.

LANDS RELEASED FROM TEMPORARY WITHDRAWAL.

The delay in determining what further reserves will be ultimately proclaimed has necessitated holding extensive areas temporarily withdrawn, in order to prevent speculative appropriation of the lands in advance of the creation of the reserves. As rapidly as the reserves are finally established these withdrawals are revoked as regards all lands not included therein. From June 30, 1903, to October 1, 1904, 3,632,500 acres were restored to the public domain and thrown open to settlement and entry. By virtue of the authority vested in the Land Department and in accordance with an opinion of the Assistant Attorney-General for the Interior Department, all lands of this character are now thrown open to settlement as soon as restored to the public domain, but are not open to entry or selection until after notice to that effect has been published for sixty days.

ENTRY OF AGRICULTURAL LANDS WITHIN FOREST RESERVES.

In the preliminary report by the Commission on the Public Lands attention was drawn to the importance of having all the land within the borders of forest reserves put to the best use, in consequence of which it was recommended that such lands be opened to agricultural entry, under suitable restrictions and limitations prescribed by law.

A bill (H. R. 13631), prepared in accordance with this recommendation, was introduced in Congress on March 8 last, but failed of action. In view of the importance of this measure, its enactment into law is greatly to be desired, and I accordingly urgently recommend the passage of the bill.

FOREST RESERVE FORCE.

The practical work of patrolling the reserves, and managing the many and varied interests connected with the administration of the same, has progressed satisfactorily, as far as the means at command for such work admitted. Following the usual policy, the force was expanded to its utmost during the danger or fire season, and correspondingly reduced when that had passed. As the result as many as 484 rangers were placed in the field when most needed to protect certain of the reserves. The smallest number employed at any time during the year was 200.

STOCK GRAZING IN FOREST RESERVES.

All that was said in my last annual report relative to grazing in forest reserves applies with equal force at the present time. Owing to the enlargement of some of the reserves, and the creation of new ones during the past year, there has been an increase in the total num-

ber of both sheep and cattle and horses allowed to graze in the reserves and in the number of permits issued.

There are now 57 reserves, exclusive of the Afognak and Alexander Archipelago reserves in Alaska, containing an area of 57,853,614 acres. There have been issued 843 permits to graze 1,806,722 head of sheep in 20 of these reserves, and 5,822 permits to graze 610,091 head of cattle and horses in 48 of them.

In addition, 16 conditional permits have been issued to graze 38,100 head of sheep in the Washington Forest Reserve, to be delivered only in case the grazing areas desired are found by the forest superintendent to be as represented by the sheep owners.

The following table shows the total permits and stock for each of the years 1901 to 1904, inclusive, and the tables under the business statement of my report show the details for each reserve:

Year.	Number of re-serve.	Area in re-serves (ex-clusive of Alaska.)	Cattle and horses.			Sheep.			Total per-mits.
			Re-serves open to.	Per-mits.	Stock.	Re-serves open to.	Per-mits.	Stock.	
1901.....	40	46,006,569	32	1,926	277,621	8	391	1,214,418	2,317
1902.....	52	55,265,885	37	2,642	357,552	8	484	1,151,513	3,126
1903.....	53	57,445,085	44	4,121	529,973	14	433	1,432,567	4,554
1904.....	57	57,853,614	48	5,822	610,091	20	843	1,806,722	6,665

In addition to the above, the cattle and horses that grazed last season on the lands now in the Baker City Forest Reserve in Oregon are allowed to graze in the reserve informally during the season of 1904, but all sheep are prohibited; and in the Salt Lake City reserves in Utah all the stock that grazed on the lands last season are allowed in the reserves informally during the season of 1904, but thereafter sheep will be prohibited.

The Department issued six permits, under paragraph 22 of the circular of May 22, 1903, allowing 16,100 head of sheep to cross the reserve lands to reach 42,608 acres of private lands within the Sierra Forest Reserve.

There have also been issued by the forest officers quite a large number of permits, under paragraph 23 of said circular, allowing stock, principally sheep, to cross certain reserves to reach shipping points or grazing grounds outside of the reserves, from four to fifteen days being allowed each band of sheep to make the crossing. These crossings usually occur twice a year, the stock going one way early in the season and back again in the fall. In some instances, however, they go but one way to reach some shipping point. I have, therefore, divided these crossings into two periods, one from July 1 to December 31, 1903, and the other from January 1 to June 30, 1904. The following table shows these crossings for each reserve:

Sheep crossing permits.

Reserve.	July 1 to December 31, 1903.		January 1 to June 30, 1904.	
	Permits.	Sheep.	Permits.	Sheep.
Black Mesa, Ariz.....	52	185,965	57	178,950
San Francisco Mountains, Ariz.....	19	59,800	8	42,150
Lake Tahoe, Cal.....			2	6,400
Stanislaus, Cal.....	12	30,580	23	72,640
Sierra, Cal.....	30	79,400	30	83,600
Madison, Mont.....			1	1,800
Gila River, N. Mex.....			1	1,900
Cascade Range, Oreg.....	3	9,600		
Mount Rainier, Wash.....	1	5,700		
Big Horn, Wyo.....	32	160,630		
Total.....	149	531,675	122	387,440

At the second session of the Fifty-eighth Congress there was introduced H. R. 6480 (Report No. 1148) "A bill to control grazing in forest reserves" as follows:

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That every person who knowingly pastures or causes to be pastured any live stock upon public lands of the United States situated within a forest reserve without first having obtained a permit so to do under rules and regulations prescribed by the Secretary of the Interior shall, upon conviction, be punished by a fine not to exceed one thousand dollars, or by imprisonment for not longer than one year, or by both such fine and imprisonment.

The reasons making desirable the passage of this bill were set forth in my last annual report, and I now again recommend that the Congress be requested to pass it.

FIRES IN THE FOREST RESERVES.

The eleven reserves in Arizona and New Mexico and the San Bernardino, San Gabriel, Santa Barbara, San Jacinto, and Trabuco Canyon in southern California are designated the southern reserves, and all others as the northern reserves. One year with another about 6 per cent of the fires in the southern reserves occur in the first quarter of the calendar year, 32 per cent in the second quarter, 48 per cent in the third quarter, and 18 per cent in the last quarter. In the northern reserves 0.25 per cent of the fires occur in the first quarter, 8 per cent in the second quarter, 84 per cent in the third, and 7.75 in the fourth quarter.

During the fiscal year ended June 30, 1904, there were extinguished 231 fires which had passed the incipient stage when discovered. The area burned over before the fires were put out aggregated 112,817 acres, and the cost of extinguishing them, exclusive of the salaries of the forest-reserve employees, was \$4,127. This is a decrease from the prior year of 48 in this class of fires, a decrease in the area burned over of 166,917 acres, and a decrease in the extra cost of \$2,036. The large decrease in the area burned over is partly

accounted for by the fact that a large fire in the Mount Rainier Reserve in Washington in September, 1902 (fiscal year, 1903), burned over 129,018 acres.

A report by quarters for the calendar year is probably a more satisfactory showing than one for the fiscal year. Under the business statement of my report will be found a table showing the number of fires which had passed the incipient stage when discovered, and the area burned over for each reserve by quarters of the calendar year 1903 and the first half of the year 1904.

AUTHORITY TO MAKE ARRESTS.

In regard to the bills heretofore recommended by this Department, and successively introduced in the Fifty-sixth, Fifty-seventh, and Fifty-eighth Congresses, to confer authority upon forest officers to make arrests for violation of the laws and regulations relating to forest reserves, it is a matter for serious regret that as yet no legislation has been secured on the subject.

A bill for this purpose was introduced in the House at the last session of Congress (H. R. 7296), received favorable action by that body, and is now before the Senate.

The management of the reserves is so hampered by the want of such authority that the passage of this bill is greatly desired by this Office.

FREE USE OF TIMBER.

The people are rapidly coming to understand the free-use permit system in procuring timber needed for individual use of settlers, miners, prospectors, and residents, for firewood, fencing, building, mining, prospecting, and other domestic purposes, and the number who take advantage of the privilege is rapidly increasing.

There has been some dissatisfaction expressed because of delays in securing these permits, but in almost all cases this has been found to be the fault of the applicant rather than of the forest officers, due to the fact that the applications are not sent in until the timber is wanted, and then the stormy season sets in or the harvest time has come on before the work can be completed.

The quarterly reports of the forest officers show 3,265 applications submitted, while but 2,224 applications were reported for the preceding fiscal year.

The applications were for the removal of both living and dead timber to the amount of 5,764,683 feet B. M. and 53,569 cords.

The amount of dead timber allowed during the year was in excess of the amount of living timber allowed to be taken under the free-use provisions of law. Areas of dead timber are allotted to the free-use applicants in small tracts, which they are required to clear up

thoroughly. This and much green timber wastefully cut in former years and now utilized under the free-use system has been removed, to the great benefit of the forest reserves.

SALES OF TIMBER WITHIN FOREST RESERVES.

Three hundred and seventy petitions for sale of timber from lands in the forest reserves have been presented, involving 69,257,710 feet of timber B. M. and 87,032 cords of wood.

One hundred and eighteen petitions were pending before the Office at the date of last report.

Three hundred and seventy-seven sales have been effected and of the proceeds of such sales and amounts received on previous sales in which there were deferred payments, there has been realized and paid into the Treasury \$58,436.19, and a very considerable amount arising from such sales is held in the hands of receivers of public moneys at the several United States land offices, as unofficial moneys pending approval of agreements and other necessary proceedings in several cases.

Twenty cases have been refused or abandoned by petitioners for various reasons, and 91 petitions are pending necessary official action or the compliance of petitioners with Department orders relative thereto.

The timber sought and sold has been largely dead, or, as in the case of the Black Hills Forest Reserve, so seriously affected by insects as to make its early destruction certain, as well as to seriously imperil the surrounding timber not so affected, and every effort has been made to clear the reserves of dead and insect-infested timber wherever located. Very general success has attended such efforts and the use of such timber has been accepted by consumers in all cases where it could be made available, and while the prices realized for this class of timber have not been large, it will be observed that the results show a very considerable increase in receipts over any previous year's business.

Little difficulty has been experienced in inducing economical use of timber, and in securing a suitable clearing up of the cut-over areas, so indispensable to the future welfare of the reserves, and it may be said that the improvement in conditions has been so marked as to be very satisfactory.

SAWMILLS IN FOREST RESERVES.

The policy of recommending the granting of permits for the installation of sawmills in the reserves where the conditions seemed to demand such action has been persisted in, and a considerable number of such permits have been issued to persons of undoubted character and responsibility under such restrictions as appeared to be demanded by the conditions.

The results have justified such action.

So far as known, not one case has resulted unfortunately, but, on the contrary, the practice of locating such mills near the cutting area in sale cases has tended to promote a more economical use of timber, better facilities for supplying the products to the consumer, and a more satisfactory understanding with all concerned. It may be said in addition that this practice has resulted in more careful methods in the management and control of fires, and has furnished a corps of trained assistants in cases where fires have attained proportions beyond the control of the forest officers.

EXPORT OF FOREST RESERVE TIMBER ACROSS THE STATE LINE.

In my report last year it was pointed out that the requirement in the act of June 4, 1897 (30 Stat., 34-36), that all timber procured from forest reserves must be used in the State or Territory in which the reserve lies needs to be modified. Report to that effect, recommending that, while leaving the restriction operative in general, the Secretary of the Interior be given discretionary powers in exceptional cases, was made to the Department by this Office on December 28, 1901, submitting the draft of a bill which, upon your recommendation, was subsequently introduced as H. R. 9202 (Fifty-seventh Congress, first session), and was favorably reported upon, with a slight amendment, by the Public Lands Committee of the House. As so amended it was introduced in the Senate at the next session of Congress, but failed of passage. On February 26 last it was again introduced as H. R. 13095 (Fifty-eighth Congress, second session), but was not acted upon.

In the reports upon this bill above referred to the importance of its passage has been urged upon the ground that the practical operation of the forest reserve administration act of June 4, 1897, has clearly shown that, while the limitation in question is undoubtedly advisable on the whole, yet it has resulted in many instances in working serious hardship, especially in cases in which forest reserves contain the natural sources of timber supply for persons living on prairie lands across the State line. In such cases the effect of the limitation is to deprive the people of timber.

Again, it has been shown that the practical working of this restriction in the timbered districts of Washington, Oregon, California and Idaho results in much of the timber being left to waste, since there is not a sufficient demand in the local market in each State to utilize all of it.

The failure to modify this restriction in the manner proposed in the bill now before Congress causes such serious embarrassment in administering certain of the reserves that it is to be hoped that the bill will be enacted into law at the coming session of Congress.

REVENUE FROM SALE OF TIMBER AND OTHER MATERIAL AND RENTING
OR LEASING LANDS WITHIN FOREST RESERVES.

Under the present laws the only resources on forest reserves which may be utilized by the Government for a money consideration are the timber thereon and mineral and other springs; the sale of forest reserve timber being provided for in the acts of June 4, 1897 (30 Stat., 35), and June 6, 1900 (31 Stat., 661), and the leasing of springs in forest reserves being authorized by the act of February 28, 1899 (30 Stat., 908).

Already the beneficial results from authorizing sales of timber within the reserves have fully demonstrated the advisability of such legislation, the receipts from sales made in the reserve in which a system of timber sales is now well under way (the Black Hills Forest Reserve, in South Dakota) having produced, during each of the last three years, a revenue in excess of the total outlay for the administration of the reserve.

The use of timber is, however, only one of the privileges which form a proper source of revenue in administering the reserves. Of as great importance in certain localities is that of grazing. The revenue that should be derived from a reasonable charge for grazing within certain of the reserves would be in proportion to the magnitude of the great wool industry in those localities; and there certainly appears to be no good and sufficient reason for allowing that industry use of the herbage within the reserves free of charge while requiring that the lumber trade shall pay for its supplies drawn from the same source.

There are also now numerous sawmills, hotels, road ranches, summer resorts, stores, and other establishments within the reserves, all of which should pay a small charge each year for the privileges granted of so occupying and using forest reserve lands.

Under such management it would not be long before the reserves would become more than self-supporting. Yearly appropriations for their care would cease to be necessary. It accordingly appears advisable that Congress should take the proper action to this end at an early date.

In considering legislation on this subject, I deem it well to call attention to the fact that so far all money received from forest reserves has been paid into the Treasury of the United States, where it ceases to be available for reserve work without a special appropriation by Congress.

That a change from this policy is desirable is evident, and was fully recognized in the above-mentioned act of February 28, 1899, which provides, in the matter of leasing mineral and other springs, as follows:

That all funds arising from the privileges granted hereunder shall be covered into the Treasury of the United States as a special fund to be expended in the care of public forest reservations.

Similar provision should be made in all further legislation of this kind.

In addition, it is desirable that the States and Territories in which these reserves are located should have a certain money interest in the management of such reserves; and it is believed that this could be best accomplished by having a certain portion (25 per cent) of the net income from each reserve go to the State or Territory in which it is situated.

This provision would do much, it is believed, to win the good will and enlist the co-operation of the people where the reserves are located, and thus would aid materially in the administration and care of the reserves. The people would have an interest in the protection of the timber and range which would greatly assist the field force.

As meeting all of the desired ends, I wish to invite attention to the bill, drafted in this office, which was introduced in the Fifty-seventh Congress, in both the House and Senate, but failed of action; and which was subsequently reintroduced in the last session of Congress as H. R. 7295 (Fifty-eighth Congress, second session).

In view of the importance of this measure I recommend that this pending bill receive favorable consideration at the coming session of Congress.

MISCELLANEOUS PRIVILEGES.

Applications to be allowed the occupancy and use of forest reserve lands for various special privileges have exceeded by about two-thirds the number filed during the preceding fiscal year, and with four exceptions they pertain to the old forest reserves existing at the date of the last annual report. As against the 166 applications then reported as having been received and considered, 226 have been filed during the past fiscal year. Of these more than one-half have been submitted to the Department with recommendation for favorable action in most cases. Upon departmental instructions returned, permit has been granted on one-half of the applications filed and one-seventh have been rejected.

A large number of the remaining portion of the applications filed have been returned to the forest officer for amendment or supplemental report required before they could be properly submitted for departmental action. About one-sixth of the applications received are awaiting action by this office.

The applications rejected have been mainly those seeking fencing privileges prohibited by the statute, or applications for irrigation and telephone right of way erroneously submitted under the law applicable in the cases. In the latter class the rejection was, therefore, not an actual denial of the privilege sought, but a notice to the applicants of the statutory requirements in procuring the desired franchise.

The rejected applications also embrace requests made for permission to conduct road houses for which there was no real or great demand from the traveling public, and to establish road houses, hotels, and stores with saloons, which latter feature is disallowed in the interests of proper forest reserve administration. No applications have been refused wherein the privilege sought was deemed essential to the development of legitimate mining enterprises, or to the well-being of the settler and home maker, and at the same time shown not to be detrimental to forest reserve interests.

SELECTIONS IN LIEU OF LANDS WITHIN FOREST RESERVES.

The following tables exhibit the progress of the work during the year ended June 30, 1904, in the adjustment of selections made in lieu of patented lands and unperfected claims within forest reserves, under acts of June 4, 1897 (30 Stat., 36), and June 6, 1900 (31 Stat., 614):

PERFECTED CASES.

Items.	Cases.	Total cases.	Areas.	Total areas.
Pending June 30, 1903.....		5,404		1,263,236.93
Received during year ended June 30, 1904.....		3,256		466,623.80
		8,660		1,729,860.73
Approved for patent during year ended June 30, 1904.....	2,910		578,793.20	
Rejected during the year ended June 30, 1904.....	134	3,044	23,040.10	601,833.30
Total pending June 30, 1904.....		5,616		1,128,027.43
Approved by Commissioner, but not for patent (unsurveyed).....	204			
Hearings ordered in.....	29			
To Secretary on appeal.....	92			
Cases suspended under various orders, or awaiting additional proof called for.....	2,841		784,856.17	
On which no action has been taken.....	2,450	5,616	343,171.26	1,128,027.43

Acres.

Average acreage of selections approved for patent..... 195.46
 Average acreage of selections rejected..... 171.90

UNPERFECTED CASES.

Items.	Cases.	Total cases.	Areas.	Total areas.
Received up to June 30, 1903.....		35		5,752.02
Approved for patent up to June 30, 1903.....	3		480.00	
Rejected up to June 30, 1903.....	7	10	1,123.76	1,603.76
Pending June 30, 1903.....		25		4,148.26
Received during year ended June 30, 1904.....		11		1,711.82
		36		5,860.08
Approved for patent during year ended June 30, 1904.....	11		1,769.00	
Rejected during year ended June 30, 1904.....	5	16	800.00	2,569.00
		20		3,291.08
Approved by commissioner, but not for patent.....	3		440.00	
Cases suspended awaiting additional evidence called for, reports from forest officers and determination of hearings ordered.....	17	20	2,851.08	3,291.08

MISCELLANEOUS CASES AND APPEALS.

In connection with such selections there have been received, docketed, and acted upon, mainly during the year ended June 30, 1904, appeals, contested, and miscellaneous cases as follows:

	Cases.
Received and docketed	538
Acted upon and finally closed.....	314
Acted upon but not yet closed	49
A waiting action	175
	— 538

The work on these selections, appeals, etc., during the year involved the preparation and dispatch of 19,999 letters and decisions covering 31,565 pages.

All selections received at this Office prior to November 1, 1903, except only cases held under orders of suspension, have been examined and either approved or rejected, or are awaiting receipt of additional evidence called for.

The following tables present a general summary of all selections received under said acts, in lieu of both patented lands and unperfected claims, up to June 30, 1904, with the acreage of land selected and the action had thereon:

PERFECTED CASES.

	Cases.	Total cases.	Areas.	Total areas.
Number of selections received.....		10,853		2,287,746.92
Patented.....	4,502		1,028,363.36	
Rejected.....	735	5,237	131,356.13	1,159,719.49
Pending		5,616	1,159,719.49	1,128,027.43

UNPERFECTED CASES.

	Cases.	Total cases.	Areas.	Total areas.
Received.....		46		7,463.84
Approved for patent.....	14		2,249.00	
Rejected.....	12	26	1,923.76	4,172.76
Cases pending		20		3,291.08

PRESERVATION OF GAME AND FISH.

In my last report I recommended that the attention of Congress be called to the need for a Federal statute that would tend to harmonize State legislation upon the subject of protection of game and fish within the several Federal forest reserves, without creating a divided jurisdiction over such reserves, and which would not encroach upon the proprietary rights of the States to control the game and fish within their respective boundaries.

The bill (H. R. 8135) subsequently introduced in Congress for the protection of game and fish in the forest reserves of the United States is in line with this suggestion. It is, accordingly, to be hoped that it will be enacted into law at the next session of Congress.

TRANSFER OF FOREST RESERVES TO THE DEPARTMENT OF AGRICULTURE.

I desire to renew the recommendation heretofore made by this office that the work connected with the administration of forest reserves be transferred to the Bureau of Forestry, in the Department of Agriculture.

The advisability of this action becomes more apparent as the work of administering the reserves progresses, as development of the service is clearly retarded by the present distribution of the work among different bureaus in two Departments. It is plainly not practicable to attain the best results under such conditions. If the application of scientific methods to the numerous forest problems arising in connection with the various industries affected by the reserves is to be properly undertaken and carried forward, it is essential to consolidate all the features of the work in one bureau, equipped with officers who have had the special scientific and practical training needed for the work.

With the intent of devising a scientific system of forestry adapted to meet the peculiar needs of this country, the Government has set apart considerably over fifty millions of acres of land for that purpose, and is now confronted with the task of working out the many problems involved in establishing such a system. The work is proving to be one of great magnitude, such industries as agriculture, grazing, mining, lumbering, transportation, manufactures, and commerce, in general, having a most intimate and dependent relation to it, as has been pointed out by President Roosevelt, in connection with expressing the opinion that "The forest problem is in many ways the most vital internal problem of the United States."

Plainly, work recognized as involving interests of such magnitude should be intrusted to a branch of the Government which can command the expert talent needed to cope with the intricacies and difficulties of the problems involved.

It is needless to state that the General Land Office is neither organized nor equipped for such work. The utmost that can be done in this office beyond handling matters pertaining to titles to the lands is to conduct the work incident to the establishment and policing of the reserves, and to regulate their occupancy and use, to a limited degree, along practical lines. The application of scientific methods in the development of a system of national forestry is altogether outside of and beyond its scope.

I, therefore, most earnestly desire to see this work placed by Congress in the charge of a scientific branch of the Government, in which it can be expanded properly along the lines essential to its success.

PUBLIC LANDS COMMISSION.

Under date of October 22, 1903, the President appointed a Commission on the Public Lands to report to him upon the condition, operation, and effect of the present land laws, and the use, condition, and disposal of the public lands. This commission consists of W. A. Richards, chairman, F. H. Newell, and Gifford Pinchot. The commission was authorized and directed by the President to avail itself of all means of information in the Executive Departments, and, especially, in the General and local land offices, the reclamation service, and the Bureau of Forestry. The commission was directed to report either in whole or in part as early as the importance and extent of the questions to be considered would permit, and in any event not later than December 1, 1904.

The commission has held numerous meetings in this city and a number of clerks and special agents from the General Land Office have been and are now engaged in making investigations in the field and compiling statistics for the use of the commission. In several cities in the public land States public meetings for the purpose of discussing the operation of the land laws have been participated in by the commission. On March 7, 1904, a partial report of the commission was made to the President and by him submitted to Congress, where it is now under consideration. A copy of this report is herewith submitted.

PARTIAL REPORT OF THE PUBLIC LANDS COMMISSION.

WASHINGTON, D. C., *March 7, 1904.*

SIR: This Commission, appointed October 22, 1903, to report to you upon the condition, operation, and effect of the present land laws, and to recommend such changes as are needed to effect the largest practicable disposition of the public lands to actual settlers who will build permanent homes upon them, and to secure in permanence the fullest and most effective use of the resources of the public lands, respectfully submits the following partial report:

MEETINGS OF COMMISSION.

During the month of December, 1903, the Commission sat in the office of the Commissioner of the General Land Office to receive recommendations and hear the arguments of all who might appear before it. Notice of these sittings was published through the press and special invitations to be present were extended to the public lands committees of the Congress. Senators and Representatives and others appeared before the Commission.

In January, 1904, Messrs. Pinchot and Newell, of the Commission, attended the meetings of the National Livestock Association and of the National Woolgrowers' Association in Portland, Oreg., and participated in the sessions of those associations. Returning, they also visited Sacramento, Cal.; Reno, Nev.; Salt Lake City, Utah;

Denver, Colo.; Cheyenne, Wyo., and conferred with governors, State land boards, public officials, and citizens generally, and discussed the questions under consideration by the Commission. Upon the return of Messrs. Pinchot and Newell to Washington the meetings of the Commission were resumed.

MAGNITUDE OF PROBLEM.

In approaching the question of attaining the largest practicable disposition of the public lands to actual settlers, and the equally important question of securing the most effective use of these lands, we appreciate that extremely difficult and far-reaching problems are involved. The public lands embrace in area very nearly one-third of the entire extent of the United States and are widely scattered, extending from the Gulf of Mexico to the Pacific and from Canada to Mexico, including every variety of topography and climate. Excluding Alaska there are 23 States and 3 Territories containing public land. This includes approximately from 5 to 95 per cent of the area of these States.

Often in any one State the conditions are so diverse that the man who argues for certain points is usually found to base his argument upon conditions which exist in his locality. If not limited by geographical environment the view point is almost always that of a special industry, such as sheep or cattle raising, irrigation, etc., and the arguments are based upon a knowledge of conditions which affect that industry. It is this condition which has led to the presentation before the Commission of irreconcilable statements of existing conditions, and the divergence of opinion as to the remedies to be adopted. Certain able men insist that the public land laws are sufficient, and that however the lands are disposed of they will ultimately be put to the best use.

Others go to the other extreme and assert that nearly all of the public land laws should be repealed or modified, that they are incompatible with good administration, and that the lands now being disposed of are held in such a way that they will never furnish homes to people who might otherwise enjoy their use.

Between these two extremes there is a broad middle ground, occupied by the majority of persons who have carefully considered the subject and who agree that changes should be made and that the land laws should be simplified and codified.

ANTIQUATED LAND LAWS.

The information obtained by the Commission through the conferences in the West and the hearings in Washington discloses a prevailing opinion that the present land laws do not fit the conditions of the remaining public lands. Most of these laws and the departmental practices which have grown up under them were framed to suit the lands of the humid region. The public lands which now remain are chiefly arid in character. Hence these laws and practices are no longer well suited for the most economical and effective disposal of lands to actual settlers.

The States and Territories where lies the greater part of the public domain are progressing rapidly in population and wealth, but not in proportion to the disposal of land. In spite of this fact and of the recognition that the land laws might be improved, there is a general fear of change and a wide demand that the present laws be allowed to stand. This is due to dread of the introduction of unfamiliar requirements and to the fear that new enactments may recognize physical conditions even less than the present ones, and may be even less suited to the needs of the country. By the use of practices sanctioned by custom, the people have heretofore been able to get along fairly well; any change in their minds is associated with more difficult requirements, and they dread innovations which may hinder rather than help home making.

The changes suggested at this time have principal bearing upon the control, use, and disposal of the forest lands, as these are among the most valuable of the lands remaining in public ownership. The repeal of the timber and stone act will unquestionably cure the most obvious defect in the administration of the public lands. Next in importance to this is the desert-land law. The Commission is not at present prepared to suggest radical changes in this law, but we believe that the change recommended hereafter in this report, together with a more careful enforcement of the law itself, and especially of those provisions which relate to the adequacy of the permanent water supply, will suffice to insure good results.

TIMBER AND STONE ACT.

Under the act of June 3, 1878, generally known as the timber and stone act, there has lately been an unusual increase in the number of entries, which can not be accounted for by an increase in the demands of commerce or by any unusual settlement of the localities in which the greater part of the entries were made. In 1902 there were 4,022 entries under this act, aggregating 545,253 acres, while in 1903 there were 12,249 such entries, aggregating 1,765,222 acres. A very large proportion of these entries were upon timbered land. The law was enacted to meet the demands of settlers, miners, and others for timber and stone for building, mining, and other purposes. There is much evidence, however, going to show that many entries have been made for purposes not contemplated by the Congress.

Under this law no residence upon nor cultivation of the tract entered is required. An application is made at the local land office in the district in which the land is situated to purchase 160 acres, or less, of land which it is alleged is chiefly valuable for the timber or stone, as the case may be, which it contains. Advertisement is made for sixty days, naming a date upon which evidence will be offered before the local land officers to prove the character of the land. Upon the day named such proof is offered, and, if deemed sufficient and there being no protest nor allegation of fraud or collusion, payment at the rate of \$2.50 per acre is made and final receipt is issued. This practically concludes the transaction, the issuing of the patent following in due course of time.

The only grounds upon which the entry by a qualified entryman would be refused are either that the land is not chiefly valuable for timber or stone, or that entry is not being made for the sole use and benefit of the entryman, but for speculative purposes. As the entries under this act are generally made for the timber which the land contains, proof is seldom lacking that the land is chiefly valuable for timber. It is very difficult to prove collusion or that the entry was made for speculative purposes, although it is apparent that many such entries have been made.

In the case of *United States v. Budd* (144 U. S., 154), in a decision made in March, 1892, the United States Supreme Court said (syllabus quoted):

"(1) That all the act of June 3, 1878, denounces is a prior agreement by which the patentee acts for another in the purchase.

"(2) That M. might rightfully go or send into that vicinity (the vicinity of the land) and make known generally to individuals a willingness to buy timber land at a price in excess of that which it would cost to obtain it from the Government, and that a person knowing of that offer might rightfully go to the land office and purchase a timber lot from the Government and transfer it to M. for the stated excess without violating the act of June 3, 1878."

The Commission believes that Congress did not intend that this law should be used for the acquisition of large tracts of valuable timber land by individuals or corporations, but it has been used for such purposes. Carefulness and vigilance in its administration can not prevent its being so used. A great number of such entries were recently suspended, but the most rigid investigation failed to show that any consider-

able proportion of them had been made in violation of the law, and the suspensions were removed. The fact remains, however, that many of these entries were made by nonresidents of the State in which the land is situated, who could not use the land nor the timber upon it themselves, and it is apparent that they were made for speculative purposes, and will eventually follow the course taken by many previous similar entries and become part of some large timber holding.

While this law is adapted to and chiefly used for the acquisition of timber land, many entries have been made under it where it was alleged that the land is chiefly valuable for stone. There is no doubt that the land in a very large proportion of such entries was not desired on account of the stone which it contained, but for the purpose of obtaining control of water or to add to other holdings. There are, moreover, other laws under which land containing stone may be entered.

Our conclusion is that the law is defective, because even when properly administered it may be used for purposes for which it was never intended, and we recommend its repeal.

If the timber and stone act is repealed some legislative enactment will be necessary providing for acquiring timber upon the public lands. The manner in which timber upon Indian lands has recently been disposed of suggests a plan for the disposition of this timber upon the public lands. The timber is advertised and sold to the highest bidder, with the result that the market price has been obtained.

In December, 1903, there were two sales of timber upon the ceded portion of the Chippewa Indian Reservation in Minnesota. At the first sale, on December 5, the timber upon 103,027 acres sold for \$1,432,771, an average price of \$13.90 per acre. At the second sale, on December 28, 95 per cent of the timber upon 72,856 acres sold for \$1,218,132, an average price of \$16.70 per acre. The amounts to be received from the various purchases are calculated upon the estimated amount of timber upon the land at a stated price per thousand feet, board measure, but the payments will be based upon an actual scale of the logs when cut. Logging operations now in progress indicate that more than the estimated amount of timber will be cut from these lands. It will be observed that but 95 per cent of the timber was sold at the last sale, the remaining 5 per cent being reserved for reforestation.

The average price per acre of both sales is \$15.06, and the land is retained for subsequent disposition. Had this land been disposed of under the timber and stone act the price would have been \$2.50 per acre for both land and timber. Under these sales the timber on 175,883 acres sold for \$2,650,903, and the Government still owns the land. If this land had been disposed of under the timber and stone act the Government would have received for both land and timber the sum of \$438,707, a difference of \$2,211,196.

Some means should be provided by which the matured timber upon the unreserved public lands may be sold, not only for the use of individuals, but also to supply the demands of commerce. There is now a provision of law for the free use of timber in limited quantities for domestic and mining purposes which meets the requirements of those needing small quantities, but there is no provision for the sale of timber except from forest reserves.

RECOMMENDATION OF SALE OF TIMBER.

We recommend the enactment of a law under which it shall be lawful for the Secretary of the Interior to sell to the highest bidder, at public outcry or otherwise, under such rules and regulations and subject to such conditions and restrictions and in such quantities as he may prescribe, the right to cut and remove, within such period of time as he may fix, any timber from any unappropriated, nonmineral, surveyed public lands, after first having had such timber duly appraised, and after giving public notice of the time, terms, manner, and place of such sale; that he shall have power and authority to reject any and all bids offered at any such sale, and that it

shall be unlawful for any purchaser at such sale to sell, transfer, assign, or in any manner alienate the rights secured by him under this act, except as authorized by said Secretary; that the act entitled "An act for the sale of timber lands in the States of California, Oregon, Nevada, and Washington Territory," approved June 3, 1878, and all acts amendatory thereof be repealed, and that no lands valuable chiefly for timber shall hereafter be patented under the commutation provisions of the homestead laws; that any person who violates any of these provisions, or any regulation or requirement prescribed pursuant thereto, shall forfeit to the United States all benefits conferred, and all moneys paid by him, and that any right to cut and remove timber which he may then hold shall be canceled and revoked.

COMMUTATION CLAUSE OF THE HOMESTEAD ACT.

Much evidence has been submitted tending to show that in the prairie States, where it has been most used, the commutation clause of the homestead act has been of advantage to the settler without causing serious loss to the Government. On the contrary, the Government has been pecuniarily benefited by it, because under this act the land is paid for in cash after fourteen months' residence, while without commutation the entryman would receive a patent after five years' residence without paying for the land. It is no doubt true that the great majority of commutations are made in order to get a title to the land upon which money could be borrowed for its improvement.

There have been abuses of this law as of other land laws, but principally in connection with entries made upon timber lands. It has furnished a convenient means by which an individual could obtain title to 160 acres of valuable timber land which could be readily sold for more than it had cost. In this way large holdings have been acquired.

The timbered areas of the public lands of to-day are generally in mountainous regions, and are not susceptible of a high state of cultivation after being cleared of timber. Entries of such land are seldom made for farming purposes, but if it is desired to do so the settler is permitted, under the law and regulations, to sell any surplus timber upon his claim, the proceeds of which can be used in its improvement. This is a source of revenue available immediately after entry and one which is not enjoyed by the settler upon prairie land.

Our investigations respecting the operations of the commutation clause are still in progress, and we are not prepared at this time to recommend its repeal. We are, however, satisfied that no serious hardship will be imposed upon the actual settler by prohibiting the patenting, under its provisions, of lands chiefly valuable for timber.

DESERT-LAND LAW.

The Commission is of the opinion that the desert-land law should, for the present at least, be allowed to stand, with a few changes in detail. With the experience of the past for guidance it is possible to enforce this law so that its essential provisions shall be complied with. When this is done it is evident that the entryman will have earned a patent at an expense too great for speculative purposes.

The number of entries is not so large as to preclude actual inspection of each by an agent of the Government before final proof is accepted, and the required expenditures for reclamation are of such a character as to be easily ascertained. Especial attention should be directed to the proof that an adequate and permanent water supply has been provided.

There is one defect in this act which should be remedied at once. The act of March 3, 1891 (26 Stat., 1095), permits the assignment of entries, and to invalidate an entry the illegal intent must assume some tangible form prior to entry. The mere fact that a contract to sell is made after the entry, or any other arrangement

whereby the lands are held for some other person, does not warrant cancellation. This feature of the law is the chief objection that might be urged against it.

The right to assign an entry is not in harmony with the fundamental principle underlying the public-land laws that entries should be made for the exclusive benefit of the entryman and not for the benefit of any other person, and its existence practically abrogates the restriction of the act limiting one person to one entry in a compact form, the only actual limitation being to 320 acres, which might embrace a number of noncontiguous tracts taken by assignment.

The interest of the Government and of the actual settler will be protected and promoted by a repeal of so much of the act of March 3, 1891, as permits the assignment of desert-land entries.

AGRICULTURAL LAND IN FOREST RESERVES.

However carefully the boundaries of forest reserves may be selected, it is practically inevitable that more or less agricultural land should be included. Such land usually lies in the narrow valleys of the rivers. Its occupation for agricultural purposes is in the interest of the region in which it lies and of the settlers who would make homes upon it. The presence of the latter in the reserves would, under wise laws, operate distinctly for the protection and general advantage of the reserves. It is essential to the prosperity of the public-land States both that the forest reserves should be maintained and that all of the land within their borders should be put to its best use. To exclude all agricultural lands by Presidential proclamation is not feasible because of their small area, scattered location, and irregular boundaries. Therefore we recommend that such lands be opened to agricultural entry in the following way:

That the Secretary having supervision of forest reserves may, upon application or otherwise, ascertain, list, and describe, by metes and bounds or otherwise, lands within such reserves which are chiefly valuable for agriculture, and that the lands so listed may, at the expiration of ninety days from the filing of such lists in the land office of the land district in which they are situated, be disposed of to actual settlers under the homestead laws only, in tracts not exceeding 160 acres in area and not exceeding $1\frac{1}{2}$ miles in length; that when such lands are ascertained and listed upon the application of any person qualified to make homestead entry, such applicant may settle upon and enter such lands thirty days after the date of such filing; that no person settling upon, entering, or occupying such lands shall thereby have a right to use any other lands within such reserve for grazing or other purposes; that any entryman desiring to obtain patent to any lands, described by metes and bounds, entered by him under the provisions of this act, may do so by filing, with the required proof of residence and cultivation, a plat and field notes of the lands entered, made by or under the direction of the United States surveyor-general, showing accurately the boundaries of such lands, which shall be distinctly marked by monuments on the ground, and shall post a copy of such plat, together with a notice of the time and place of offering proof, in a conspicuous place on the land embraced in such plat during the period prescribed for the publication of his notice of intention to offer proof, and that a copy of such plat and field notes shall also be kept posted in the office of the register of the land office for the land district in which such lands are situated for a like period; and further, that any agricultural lands within forest reserves may, at the discretion of the Secretary, be surveyed by metes and bounds but that no lands entered under these provisions shall be patented under the commutation provisions of the homestead laws or be exchanged for other public lands.

To open the reserves to homestead entry without restriction would be in effect to abolish them. We therefore recommend that the agricultural character of the lands should be officially ascertained, as has been the habit hitherto in the case of agricultural and mineral lands.

The effect of the foregoing provisions is to give an intending settler the right to apply for the particular agricultural land he wants and sixty days' preference in entering it. Through survey by metes and bounds the settler is enabled to take the full amount of 160 acres of actual agricultural land. The principal danger in the administration of this plan is likely to arise from the desire of others than actual settlers to get possession of valuable timber lands on the plea that they are agricultural in character, to cut the timber from the lands, and then abandon them, to the serious injury of the interests which the reserves are created to serve.

Such an abuse would be greatly facilitated by the commutation clause of the homestead act, whereas actual settlers on agricultural lands in forest reserves would seldom or never suffer hardship from the requirement of five years' residence. Agricultural lands in forest reserves are not wholly on the same plane as such lands outside, because their use must be subservient to the purposes for which the reserves were created. Their actual occupation by permanent settlers is of the first importance to this object, and shifting of ownership during the first years of settlement and development would be of serious injury to the reserves. We are of the opinion that to allow the application of the commutation clause of the homestead act to lands in the forest reserves would tend to defeat the object of the opening of these lands to agricultural entry and would embarrass the administration of the reserves.

LANDS RELEASED FROM TEMPORARY WITHDRAWAL.

In making forest reserves it is usually necessary to withdraw temporarily, pending segregation, considerable areas of land which are known to contain forest growth. These temporary withdrawals are made usually of areas larger than will ultimately be proclaimed as forest reserves, in order to enable the officers of the Government to ascertain what are the existing conditions and to draw the boundaries with care and without interference growing out of speculative entries or selections made not for settlement, but to secure certain advantages which may grow out of the creation of the forest reserve. For this reason temporary withdrawals are essential for the careful delimiting of the forest reserve. When the limits of a forest reserve are determined upon, the excluded lands are restored to entry and settlement.

Experience has shown that speculative entries or large filings of so-called scrip are frequently made upon such excluded land, to the detriment of actual settlers. Therefore provisions should be made to give actual settlers ample time in which to exercise their rights. Accordingly, the Commission recommends that in the event of the modification or revocation of any order temporarily withdrawing lands from settlement and entry resulting in the release of such lands from such withdrawal, or in the event of the exclusion or release of lands from any forest reserve established by the President, under section 24 of the act approved March 3, 1891, entitled "An act to repeal timber-culture laws, and for other purposes," the nonmineral public lands so released from a forest reserve, and not otherwise appropriated or reserved, shall become subject to settlement from the date of the order or proclamation so releasing or excluding them, but shall not become subject to entry, filing, or selection under any law providing for the disposal of nonmineral public lands until after sixty days' notice by such publication as the Secretary of the Interior may prescribe, nor shall they become subject to entry, filing, or selection under any law except the homestead laws until ninety days after said notice.

The Commission will continue its investigations and make further report.

Respectfully submitted.

W. A. RICHARDS.
F. H. NEWELL.
GIFFORD PINCHOT.

The PRESIDENT.

NATIONAL PARKS.

PROPOSED PETRIFIED FOREST NATIONAL PARK, ARIZONA.

The bill, which was passed by the House of Representatives in both the Fifty-sixth and Fifty-seventh Congresses, for the protection of the region containing what is known as the Petrified Forest, in the Territory of Arizona, was reintroduced in the first session of the Fifty-eighth Congress as H. R. 2529, and was again passed by the House with certain amendments.

In view of the well-known importance of securing efficient protection for the natural wonders of this region, I hope that this bill, which, as shown, has already been passed by the House of Representatives in no less than three successive Congresses, may not fail to receive favorable action by the Senate at its approaching session.

PROPOSED PAJARITO CLIFF DWELLERS' NATIONAL PARK, NEW MEXICO.

In reference to the matter of pending legislation to establish the proposed Pajarito Cliff Dwellers' National Park, in the Territory of New Mexico, containing extensive cliff dwellers' ruins, this office, on February 25, 1904, transmitted to the Department a copy of a report, received through the Department of Agriculture, by Mr. S. J. Holsinger, of the Bureau of Forestry, in that Department, submitting the result of a recently made investigation of the region; from which it appeared that a national park established with boundaries as proposed in the bill pending in Congress, viz, H. R. 7269 (Fifty-eighth Congress, Second session), slightly amended, would include the most important of the ruins, without in any manner conflicting with other interests, public or private.

In view of this showing of facts, it was suggested that the copy of Mr. Holsinger's report upon the matter be transmitted to Congress, with the recommendation that the pending bill, viz, H. R. 7269, be amended as suggested by Mr. Holsinger.

As the bill is still pending, I desire to renew this recommendation, and respectfully urge that, as so amended, it be passed at the coming session of Congress.

PROPOSED MESA VERDE NATIONAL PARK, COLORADO.

It is of record in this Office that the finest specimens of true cliff dwellings in this country are to be found in the Mesa Verde region, in the extreme southwestern corner of the State of Colorado. This region has the distinction of containing what is known as "Cliff Palace," which is considered one of the most famous works of prehistoric man in existence.

A bill to establish a national park containing a portion of these valu-

able ruins was introduced in the Fifty-sixth Congress, second session, as H. R. 14262; which has since been reintroduced as H. R. 6270 and S. 7461 (Fifty-seventh Congress, first session), and H. R. 6784 (Fifty-eighth Congress, second session). This latter bill is still pending.

On February 25, 1904, this Office made report thereon to the Department, and submitted a draft of a new bill and recommended that the same be introduced in Congress as a substitute for said bill H. R. 6784.

In view of the undoubted importance of preserving objects of such interest to science as are known to exist in this region, I renew the recommendation made in said report from this Office of February 25 last.

As this is only one of numerous tracts containing ruins of former cliff dwellings, I respectfully suggest that in introducing this new bill the name of the proposed park be changed from the "Colorado Cliff Dwellings National Park," which lacks sufficient definiteness, to the "Mesa Verde National Park," which would specifically indicate, under a well-known local designation, the particular locality set apart.

ESTABLISHMENT OF NATIONAL PARKS.

This Office has repeatedly drawn attention to the need for action on the part of Congress in respect to making provision for the proper care of those portions of the public lands which, for their scenic beauty, natural wonders or curiosities, ancient ruins or relics, or other objects of scientific or historic interest, or springs of medicinal or other properties, it is desirable to protect and utilize in the interest of the public.

The policy of the Government in reserving from appropriation of all kind and setting apart, in the interest of science and for the benefit of the public at large, regions containing objects of such general interest as the Yellowstone, Yosemite, Sequoia, Crater Lake, and other national parks, should undoubtedly be extended to include other world wonders discovered within the limits of the public domain. The mention of such wonders as the Grand Canyon and the Petrified Forest in Arizona, the Big Trees in California, the recently discovered Natural Bridges in Utah, and also the interesting ruins of prehistoric races scattered throughout portions of the southwest, is sufficient argument in favor of such action.

It is clearly the duty of the Government to protect these objects from appropriation under the various public land laws, and also to preserve them from spoliation and injury of all kinds. Upon this point there appears to be no room for doubt. The only question at this time is as to the course to be pursued in doing so. Heretofore it has been the policy of the Government to make each case the subject of a special act of Congress.

This course, however, has proved to be far from satisfactory, owing to the manifold delays to which measures of this nature are subject. The failure to secure legislation, though urgently pressed in successive sessions of Congress, to protect such localities as the Petrified Forest in Arizona and the Pajarito and Mesa Verde Cliff Dwellers' regions in New Mexico and Colorado has sufficiently proved the futility of attempting to accomplish, by means of a special act of Congress in each instance, the protection of all the localities throughout the public domain requiring such action.

The number of such cases now known to this office makes it evident that the time has come for some general enactment on the subject which shall enable action to be taken promptly, in each instance, as the cases arise from time to time.

This, it seems, can best be done by Congress empowering the President to set apart, as national parks, all tracts of public land which, for any of the reasons above stated, it is desirable to protect. A bill to this end has been urged by this office for some years. As drafted and laid before the Department on March 29, 1900, it was introduced in the Fifty-sixth Congress and subsequently reintroduced at the last session of Congress as House bill 13478, but as yet it has received no action.

Recently the great necessity which exists for this Department to be placed in a position to provide proper care and service for portions of the public domain containing objects of interest to scientists, has been forcibly brought to my attention by the receipt of documents, prepared by Prof. Edgar L. Hewett, formerly president of the New Mexico Normal University, at Las Vegas, N. Mex., presenting a comprehensive and detailed statement regarding the prehistoric ruins in Arizona, New Mexico, Colorado, and Utah, and urging immediate and effective measures on the part of the Government for their preservation.

These papers contain so much valuable information of a specific nature regarding the distribution and great seats of culture of the prehistoric tribes of the Southwest, with such admirable suggestions respecting required action for the preservation and utilization of the ruins, that I have appended the same in full to this report. (See Appendix.)

The information furnished in these documents leaves no room to doubt that immediate measures should be taken to preserve these interesting ruins. I have, accordingly, included in my annual estimates for this office, a recommendation for an appropriation of not less than \$10,000 for their care and custody.

In addition to such action, Professor Hewett clearly sets forth the need for general legislation authorizing the setting apart, as national parks, such of these regions as are of leading importance, and providing for their proper exploration.

In doing so he advocates the passage, with certain amendments, of the above-mentioned Department bill, viz, H. R. 13478 (Fifty-eighth Congress, second session), in regard to which he states as follows:

I should favor, and I believe the scientists and the country at large will favor, a simple measure authorizing the creation of national parks, as mentioned above, the creation of the small reservations for the protection of the few isolated ruins, or small groups of ruins, that demand permanent protection, and the establishment of a system of supervision of all ruins on the public domain and Indian reservations by the Department of the Interior, all details of which should be left in the hands of the Secretary of the Interior to develop, as information and experience direct. It seems to me that one section added to H. R. 13478, known as the Lacey Bill, providing for the protection and utilization of ruins not included in such national parks as may be created under that act, would make it perfectly adequate to cover every condition expressed above, and entirely satisfactory to all concerned.

I concur in Professor Hewett's suggestion, and accordingly recommend that the bill be amended to meet his views, as follows:

A BILL to establish and administer national parks, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the President of the United States may, from time to time, set apart and reserve tracts of public land, which, for their scenic beauty, natural wonders or curiosities, ancient ruins or relics, or other objects of scientific or historic interest, or springs of medicinal or other properties, it is desirable to protect and utilize in the interest of the public; and the President shall, by public proclamation, declare the establishment of such reservations and the limits thereof.

SEC. 2. That such reservations shall be known as national parks, and shall be under the exclusive control of the Secretary of the Interior, who is hereby empowered to prescribe such rules and regulations and establish such service as he shall deem necessary for the care and management of the same. Such regulations shall provide specially for the preservation from injury or spoliation of any and all objects therein of interest or value to science or history.

SEC. 3. That the Secretary of the Interior be, and is hereby, authorized to permit examinations, excavations, and the gathering of objects of interest within such parks by any person or persons whom he may deem properly qualified to conduct such examinations, excavations, or gatherings, subject to such rules and regulations as he may prescribe: *Provided*, That the examinations, excavations, and gatherings are undertaken for the benefit of the Smithsonian Institution, or of some reputable museum, university, college, or other recognized scientific or educational institution, with a view to increasing the knowledge of such objects.

SEC. 4. That the Secretary of the Interior be, and is hereby, authorized, in the exercise of his discretion, to rent or lease, under rules and regulations to be made by him, pieces or parcels of ground within such parks for the erection of such buildings as may be required for the accommodation of visitors.

SEC. 5. That all funds arising from the privileges granted hereunder shall be covered into the Treasury of the United States as a special fund to be expended in the care of such parks.

SEC. 6. That all natural wonders or curiosities, ancient ruins or relics, or other objects of scientific or historic interest, or springs of medicinal or other properties, on such of the public lands as are not set apart as national parks, under the provisions of this act, are hereby declared to be under the care and custody of the Secretary of the Interior, whose duty it shall be to protect and preserve the same from unauthorized injury or waste, in any form whatsoever, so long as shall be necessary

in the interest of the furtherance of knowledge of any of such objects, or for the utilization thereof, and the Secretary of the Interior is hereby empowered to prescribe such rules and regulations and establish such service as he shall deem necessary for the care and management of the same, and he is hereby authorized to permit examinations, excavations, and the gathering of objects of interest on such lands, in the same manner and for the same purposes as in the case of national parks established under the provisions of this act.

SEC. 7. That all persons who shall unlawfully intrude upon such parks, or who shall without permission appropriate, injure, or destroy any game, fish, timber, or other public property therein, or injure or destroy any caves, ruins, or other works or relics therein, or commit unauthorized injury or waste, in any form whatsoever, upon the lands or other public property therein, or upon any of the lands or objects referred to in section six of this act, or who shall violate any of the rules and regulations prescribed hereunder, shall, upon conviction, be fined in a sum not less than fifty dollars nor more than five thousand dollars, or be imprisoned for a period not less than fifteen days nor more than twelve months, or shall suffer both fine and imprisonment, in the discretion of the court.

As so amended, it is desirable that this bill be passed as a substitute for all other bills now pending on the subject.

Respectfully submitted.

W. A. RICHARDS,
Commissioner.

THE SECRETARY OF THE INTERIOR.

DETAILED STATEMENT
OF THE
BUSINESS OF THE GENERAL LAND OFFICE,
BY DIVISIONS AND IN SURVEYING DISTRICTS,
FOR THE
FISCAL YEAR ENDED JUNE 30, 1904.

DETAILED STATEMENT
OF THE
BUSINESS OF THE GENERAL LAND OFFICE,
BY DIVISIONS AND IN SURVEYING DISTRICTS,
FOR THE
FISCAL YEAR ENDED JUNE 30, 1904.

A detailed statement of the work performed in the General Land Office and surveying districts during the year is given under the following heads:

1. A. Report of the chief clerk.
2. B. Recorder's division.
3. C. Public lands division.
4. E. Surveying division.
5. F. Railroad division.
6. G. Preemption division.
7. H. Contest division.
8. K. Swamp-land division.
9. L. Drafting division.
10. M. Accounts division.
11. N. Mineral division.
12. P. Special service division.
13. R. Forestry division.
14. Report of the surveyor-general of Alaska.
15. Report of the surveyor-general of Arizona.
16. Report of the surveyor-general of California.
17. Report of the surveyor-general of Colorado.
18. Report of the surveyor-general of Florida.
19. Report of the surveyor-general of Idaho.
20. Report of the surveyor-general of Louisiana.
21. Report of the surveyor-general of Minnesota.
22. Report of the surveyor-general of Montana.
23. Report of the surveyor-general of Nevada.
24. Report of the surveyor-general of New Mexico.
25. Report of the surveyor-general of North Dakota.
26. Report of the surveyor-general of Oregon.
27. Report of the surveyor-general of South Dakota.
28. Report of the surveyor-general of Utah.
29. Report of the surveyor-general of Washington.
30. Report of the surveyor-general of Wyoming.

A.—REPORT OF THE CHIEF CLERK.

DEPARTMENT OF THE INTERIOR,
GENERAL LAND OFFICE,
Washington, D. C., August 1, 1904.

SIR: The total number of communications received in the letter registering room of this office for the fiscal year was 224,054, an increase of 6,010 over the preceding year.

On July 1, 1904, there were 459 employees on the rolls of this office, an increase of 18 civil service clerks and 4 per diem clerks over the preceding year, although 12 of the civil service clerks were authorized by the urgency deficiency act of February 18, 1904, and entered on duty shortly after the passage of said act.

There are also 3 inspectors of district land offices and the offices of the United States surveyors-general, 1 inspector of special agents, 70 special agents, 12 examiners of surveys, 181 clerks employed in the 116 district land offices, 210 clerks in the 17 offices of United States surveyors-general, and 3 forest inspectors, 5 superintendents, 50 supervisors, and 492 rangers employed in the protection and management of 59 forest reserves, embracing an area of approximately 62,763,494 acres.

CONDITION OF BUSINESS IN THE GENERAL LAND OFFICE.

On July 1, 1904, there were 89,628 cases pending, while on July 1, 1903, there were but 78,938. This increase in cases pending is accounted for by the fact that on July 1, 1904, there were 17,378 entries pending in the recorder's division which had been examined in other divisions and approved for patenting, but upon which patents had not yet issued, while on July 1, 1903, there were only 5,964 cases pending in the recorder's division.

There were 56,386 patents of all classes issued during the fiscal year, an increase of 2,021 over the preceding year.

There were 2,504 mineral patents issued during the year, an increase of 1,400 over the preceding year. One year ago the examination of mineral entries was eighteen months in arrears, while now it is only six months in arrears; and mineral contests were eight months in arrears July 1, 1903, while now they are but two months in arrears.

There were 2,612 forest lieu-selection patents issued during the year, while during the preceding year there were but 742 such patents issued.

There were 58,420 cases approved for patenting during the year, an increase of 18,622 over the preceding year; and on July 1, 1904, there were pending in the public-lands division 37,624 final entries awaiting examination looking to their approval for patenting.

The greatest volume of business pending in the office July 1, 1904, was in the public-lands division and in the recorder's office, where there were 55,002 final entries awaiting examination or patenting. There are also 18,444 entries of various kinds pending in the special service division against which fraud has been alleged. In addition to the foregoing there were 2,205 mineral and coal entries, 4,965 forest

lieu selections, 2,978 private land claims, 1,271 Indian allotments, 2,565 desert entries, 505 timber-culture entries, 2,862,340 acres of school land and other State grant selections, 2,271 appealed and unappealed contest cases, and 614 timber trespass cases pending. In the swamp-land division there are 1,039,711 acres of swamp land in place and 1,923,235 acres for which indemnity is claimed awaiting adjudication.

The drafting and surveying divisions are practically up to date in their work. Division G (State selections and desert entries) is about ten months in arrears. The public lands division is nine months in arrears, the special service division fifteen months, the mineral division six months, the railroad division four months, and the contest division seven months on appealed and three months on unappealed cases. The repayment work of the accounts division is five months in arrears, and the forestry division is about one month, except the forest lieu-selection section, which is about ten months in arrears.

In the recorder's office the work is over two months in arrears. The work of this division consists mainly of issuing patents after the entries have been examined and approved in other divisions and making certified copies, and also the custody of the office files of patented entries. The work of this division should be current, but the available force of clerks has not been sufficient.

From the fact that there were but 56,386 patents issued during the past year, and that on July 1, 1904, there were 89,628 cases pending, it is apparent that there is more business now pending before this office than it will be possible to perform during the next year with the present force, and the large number of original entries that have been made at the various district land offices during the past three or four years would not indicate that there will be any immediate diminution in the number of final entries coming in from the district land offices for examination and patenting by this office.

ADDITIONAL FORCE.

In view of the above statements, the large amount of data to be prepared for the Land Commission appointed by the President to investigate and report in regard to the public-land laws, and that 36 clerks were detailed on July 1, 1904, to proceed to Minnesota, South and North Dakota to assist in the opening of Indian reservations, and the probable opening, during the summer of 1905, of the Crow and Flat Head Indian reservations in Montana, I am of opinion that an additional force of 10 clerks, at a salary of \$1,200 per annum, should be provided for in the first deficiency bill of the next Congress, and that they should also be included in the estimates for the legislative bill.

ADDITIONAL SPACE.

The question of additional floor space for clerks is a very important one, as with the present congested condition it is impracticable for the clerks to perform as much or as satisfactory work as could be attained if additional space were provided for 30 clerks.

The question of adequate space for the files is also a very important one. At present practically every available foot of space is occupied, and considering the large volume of records and papers coming in each month from the 116 district land offices, and the offices of 17

surveyors-general, it is very urgent that appropriate action be taken with a view to obtaining additional file space. I estimate that at least 57,600 cubic feet of space should be provided.

I append hereto office letter of March 11, 1904, to the Secretary of the Interior, which sets forth fully the necessity for additional space.

Very respectfully,

J. T. MACEY, *Chief Clerk.*

Hon. W. A. RICHARDS,

Commissioner, General Land Office.

DEPARTMENT OF THE INTERIOR,
GENERAL LAND OFFICE,
Washington, D. C., March 11, 1904.

SIR: I have the honor to acknowledge the receipt, by departmental reference for report as to the necessities of this office, and return of copy of letter dated February 15, 1904, from Hon. Charles W. Fairbanks, chairman of the Committee on Public Buildings and Grounds, United States Senate, requesting information as to what additional building accommodations are required by the Department in this city.

In reply I have to state that the space assigned to the General Land Office on its removal in March, 1900, to the public building in which it is now located was at that time barely adequate to the accommodation of the clerical force and the voluminous and valuable records of the office. Since then the force has been increased by 59 clerks, and will very probably be still further increased on July 1, 1904, by the addition of 6 more, and a proper regard for the orderly and convenient working of the clerical force and the health of its individual members require that additional space be assigned to the office, if not in the building in which it is now located, then in some other suitable building conveniently situated.

The great and regular increase of the past few years in the sales of public lands has caused a consequent increase in the records, until the congestion has become so emphasized that great difficulty is experienced in the examination of old records for reply to inquiries. It is found to be almost impossible to define what would be considered "dead" files. Inquiries are frequently received for information regarding transactions relating back to the organization of the office and subsequent years. The very old records have been from necessity, in order to make room for current files and records and those of recent years, stored away in boxes and piled in heaps in the attic, to which access is difficult, thus causing a practical waste of time of clerks. A portion of them are also stored in the lower hall and passageway under the court, adjacent to steam pipes which so affect them that the binding of the books becomes destroyed, necessitating their rebinding at great expense, while the papers become so baked that they become brittle and break when handled.

These old records and files are as valuable as the current, and while not so frequently referred to as the latter, a reference to them has very often to be made in order to trace back titles, etc., and their condition is such as to require three or four times the period for the examination of a particular record or file as would be necessary if they could be systematically arranged. For such purpose it is estimated that at least 57,600 additional cubic feet of space will be required to accommodate the present and contemplated force, as well as to provide for the systematic arrangement and safety of the present records and the accumulation thereof for the next ten years. To reduce the above estimate to room, or floor space, at least 15 rooms 16 by 20 feet (height of ceiling not less than 12 feet) should be provided for the accommodation of the files alone. There will be, approximately, 450 employees in the General Land Office on July 1, 1904, and it is now occupying 137 rooms of varying dimensions. Many of these rooms are occupied solely as file rooms for old records, thus reducing the actual working rooms to so small a number as to interfere greatly in the transaction of the public business. It is therefore recommended that 13 additional rooms of the same dimensions as above be provided for the clerical force, making in all 28 rooms that are required to place the office on a convenient and systematic working basis.

The copy of Senator Fairbanks's letter is herewith returned.

Very respectfully,

W. A. RICHARDS, *Commissioner.*

THE SECRETARY OF THE INTERIOR.

B.—RECORDER'S DIVISION.

The recorder is required by statute, after the Commissioner has approved the issuance of a land patent, to attend to its correct engrossing, recording, and transmission, to countersign the same, and affix the seal of the General Land Office thereto.

He has charge of the records of patents issued and the certificates, proofs, and other muniments of title on which they are founded, prepares exemplified copies of these records and papers, and answers all communications relating to the same; also has charge of the records and papers pertaining to the various divisions of the office which have been discontinued because the work for which they were organized has been practically performed.

Under the above statutory requirements and official regulations the following work was performed during the fiscal year ended June 30, 1904:

Patents issued as follows:

Cash patents	21,383
Homestead patents	26,646
Timber-culture patents	999
Forest-reserve lieu selection patents	2,612
Military bounty land patents	309
Agricultural college scrip patents	3
Sioux half-breed scrip patents	5
Supreme Court scrip patents	10
Surveyor-general's scrip patents	127
Valentine scrip patents	2
Porterfield scrip patents	1
State desert lands, segregation patents	4
Private land claim patents	95
Mineral patents	2,504
Indian patents	1,247
Coal patents	174
Swamp patents	54
School patents	1
Railroad patents	210
Total	56,386
Cases approved and awaiting patent July 1, 1903	5,964
Cases received during the year for patenting	67,800
Total	73,764
Patents issued	56,386
Cases approved and awaiting patent June 30, 1904	17,378
Total	73,764
Letters pending July 1, 1903	499
Letters received during the year	26,013
Total	26,512
Letters answered	17,636
Letters referred to other divisions	7,048
Letters no answer required	1,469
Letters pending June 30, 1904	359
Total	26,512

Exemplified copies furnished	11,913
Fees for copies	\$15,319.56
Attorneys' cards received and answered	21,396
Index cards written	30,547
Index cards examined	18,680
Circulars sent out	655
Pages of recording	75,077
Letters written	25,370
Patents transmitted	54,678

REVOLUTIONARY BOUNTY LAND SCRIP.

[Acts of August 31, 1852, and June 22, 1860, founded on Virginia military land warrants granted for services in the war of the Revolution.]

The number of such claims for scrip now pending for want of additional evidence is 307, aggregating 97,054 $\frac{2}{3}$ acres.

PORTERFIELD WARRANTS.

[Act of April 11, 1860.]

The original number of warrants issued under this act, and aggregating 6,133 acres, was subdivided into 153 warrants.

One hundred and twenty-five of said warrants have been patented, leaving 28 outstanding and unsatisfied, each calling for 40 acres.

Condition of bounty-land business under acts of 1812, 1847, 1850, 1852, and 1855, showing the issues and locations from the commencement of operations under said acts to June 30, 1904.

Grade of warrants.	Warrants issued.		Warrants located.		Warrants outstanding.	
	Number.	Acres.	Number.	Acres.	Number.	Acres.
Act of 1812:						
160 acres	28,085	4,493,600	27,978	4,476,480	107	17,120
320 acres	1,101	352,320	1,034	330,380	67	21,440
Total	29,186	4,845,920	29,012	4,806,860	174	38,560
Act of 1847:						
160 acres	80,687	12,909,920	79,174	12,667,840	1,513	242,080
40 acres	7,585	303,400	7,101	284,040	484	19,360
Total	88,272	13,213,320	86,275	12,951,880	1,997	261,440
Act of 1850:						
160 acres	27,449	4,391,840	26,899	4,303,840	550	88,300
80 acres	57,717	4,617,360	56,428	4,514,240	1,289	103,120
40 acres	103,978	4,159,120	100,902	4,086,080	3,101	124,040
Total	189,144	13,168,320	184,229	12,854,160	4,940	315,460
Act of 1852:						
160 acres	1,223	195,680	1,196	191,360	27	4,320
80 acres	1,699	135,920	1,667	133,360	32	2,560
40 acres	9,070	362,800	8,891	355,640	179	7,160
Total	11,992	694,400	11,754	680,360	238	14,040
Act of 1855:						
160 acres	115,648	18,503,680	110,715	17,714,400	4,933	789,280
120 acres	97,077	11,649,240	91,128	10,935,360	5,938	712,560
80 acres	49,480	3,958,400	48,341	3,867,280	1,139	91,120
60 acres	359	21,540	317	19,020	42	2,520
40 acres	542	21,680	468	18,720	74	2,960
10 acres	5	50	3	30	2	20
Total	263,111	34,154,590	250,972	32,554,810	12,128	1,598,460

SUMMARY.

Act of 1812	29,186	4,845,920	29,012	4,806,860	174	38,560
Act of 1847	88,272	13,213,320	86,275	12,951,880	1,997	261,440
Act of 1850	189,144	13,168,320	184,229	12,854,160	4,940	315,460
Act of 1852	11,992	694,400	11,754	680,360	238	14,040
Act of 1855	263,111	34,154,590	250,972	32,554,810	12,128	1,598,460
Total	581,705	66,076,550	562,242	63,848,070	19,477	7,227,960

The following is a statement of the number of acres represented by military bounty land warrants located in the several public land States and Territories for the year ended June 30, 1904, or not heretofore reported, which warrants were issued under the acts of 1847, 1850, 1852, and 1855. The aggregate number of acres is computed at the rate of \$1.25 per acre. It does not show the exact area of the lands located with the warrants.

	Aeres.		Aeres.
Arkansas	12, 720	Minnesota	680
Alabama.....	1, 280	Mississippi.....	12, 060
Louisiana.....	3, 540		
Michigan	680	Total	30, 960

Denomination of warrants.	40 acres.	80 acres.	120 acres.	160 acres.	Total.
Act of 1847.....	9	.....	.....	14	2, 600
Act of 1850.....	45	20	.....	7	4, 520
Act of 1852.....	3	1	.....	1	360
Act of 1855.....	1	41	36	99	23, 480
Total	58	62	36	121	30, 960

C.—PUBLIC LANDS DIVISION.

This division has charge of the permanent tract books in which space is allowed for the posting of each legal subdivision established by surveys and shown by the official plats which has heretofore been or is now a part of the public domain. In these books are noted descriptions of all entries, filings, selections, grants, reservations, and cancellations thereof, either by relinquishment or by action of this Office, and all restorations to the public domain. Therefore all claims to public lands must be recorded in these books, as well as every contest, conflict, and anything affecting the status of any tract, to the end that the status of any particular tract, entry, filing, selection, grant, or reservation may be known upon reference to these records.

It devolves upon this division to examine the greater portion of all entries made with regard to the regularity of the entry papers, the qualifications of the entrymen, and the final papers as to the sufficiency of the proofs submitted, and to furnish the status showing any apparent conflicts at the date of posting of all entries, selections, filings, and applications which are referred to other divisions for final action. All final and commuted homesteads, timber land, cash, private cash, graduation cash, and various other classes of entries, including scrip locations and Indian homesteads, are, if contested, finally adjudicated and disposed of by this division.

This division also prepares instructions to the district land officers in regard to the reclamation projects under the act of June 17, 1902 (32 Stat., 388), and passes upon entries of such lands. It also has charge of the sales of timber on ceded Chippewa lands, and of the logging operations on said lands, under the act of June 27, 1902 (32 Stat., 400).

There is also allotted to this division a great deal of important miscellaneous work, such as the making of reports and recommendations relative to legislation affecting public lands and work incidental to the disposal of great areas of ceded Indian lands and lands restored to the public domain from a state of reservation imposed by railroad grants, reservoir sites, abandoned military reservations, etc., in which numerous complicated questions are constantly arising as to the legal rights accruing under the special laws providing for the disposal thereof and the instructions in regard thereto, requiring decisions and new rulings covering nice points of law.

During the past year 58,420 final homestead entries were approved and sent to Division B for patenting, being an increase over the previous year of 18,645. The number of letters and decisions written in the division was 49,161, an increase of 3,696 over the previous year. These two items are in excess of any previous year in the history of the division.

Instructions and schedules were prepared and issued by this division during the past year for the sale and disposal of agricultural lands in the following reservations, viz:

	Acres.
Chippewa, Minnesota.....	1,017,618.12
Red Lake, Minnesota.....	256,143.58
Rosebud, South Dakota.....	385,887.11
Devils Lake, North Dakota.....	88,948.39
Grand Ronde, Oregon.....	26,264.65
Total.....	1,774,861.85

Instructions have also been issued under the act of April 28, 1904 (33 Stat., 547), known as the Kinkaid Act, for the disposal of 8,000,000 acres of land in Nebraska. One million acres of land were withdrawn under said law as being practically susceptible of irrigation.

There were issued, on June 3, 1904, instructions in regard to the Minidoka irrigation project in Idaho, and instructions are being prepared concerning the Truckee-Carson reclamation project in Nevada, in accordance with the provisions of the act of June 17, 1902 (32 Stat., 388).

The examination of lands in the various ceded Chippewa reservations was completed the past year under the direction of this division, the reports showing that 725,818.99 acres were examined, of which 88,320 acres were classified as pine lands.

There were two sales of pine timber on ceded Chippewa lands, Minnesota, the past year, 415,000 feet of timber being sold for \$2,650,903, of which amount 20 per cent was paid to secure the bids.

Instructions and schedules have also been prepared for the sale on November 15 next of the pine timber on 116,190.26 acres of "pine" lands in the ceded Chippewa reservations, and for the sale on November 17 next of 95 per cent of the timber on 16,833.96 acres.

Logging operations have been carried on under the direction of this division on 63 different sections of ceded Chippewa lands. There have been cut and paid for 45,590,448 feet of timber, the price paid for the same being \$269,198.13.

The expense to the Indians of logging said timber, in the way of salaries, room rental, transportation, etc., has been \$14,421.80.

Work performed in the division during the year ended June 30, 1904.

Letters pending June 30, 1903.....	5,861	
Letters received during the year.....	55,835	
		61,696
Letters disposed of:		
By answer.....	26,744	
By reference.....	7,420	
By filing (no answer).....	22,844	
		57,008
Balance pending June 30, 1904.....	4,688	
		61,696
Miscellaneous letters written.....	32,769	
Decisions written.....	16,392	
Appeals transmitted to Secretary.....	212	
Cancellations and relinquishments noted.....	41,832	
Entries, filings, and selections posted.....	244,952	

ORIGINAL ENTRIES.

Pending June 30, 1903	255, 724	
Received during the year	98, 948	
		354, 672
Cancellations	25, 171	
Disposed of by final entry	47, 786	
Sent to other divisions	8, 789	
	81, 746	
Balance pending June 30, 1904	272, 926	
		354, 672

FINAL ENTRIES.

Pending June 30, 1903	39, 310	
Received during the year	67, 386	
		106, 696
Disposed of by cancellation	167	
Posted and sent to other divisions for action	10, 485	
Approved for patent	58, 420	
	69, 072	
Pending June 30, 1904	37, 624	
		106, 696

CLASSIFICATION OF PENDING FINAL ENTRIES.

Commuted and final homesteads	25, 928
Other cash	10, 041
Miscellaneous	1, 655
Total	37, 624

FINAL HOMESTEADS.

Statement of the number and area of final homestead entries made from the passage of the homestead act (May 20, 1862) to June 30, 1904.

Fiscal year ending June 30—	Number.	Acres.	Fiscal year ending June 30—	Number.	Acres.
1868.	2, 772	355, 086. 04	1888.	22, 413	3, 175, 400. 64
1869.	3, 965	504, 301. 97	1889.	25, 549	3, 681, 708. 80
1870.	4, 041	519, 727. 84	1890.	28, 080	4, 060, 592. 77
1871.	5, 087	629, 162. 25	1891.	27, 686	3, 964, 587. 77
1872.	5, 917	707, 409. 83	1892.	22, 822	3, 259, 897. 07
1873.	10, 311	1, 224, 896. 93	1893.	24, 204	3, 477, 231. 63
1874.	14, 129	1, 585, 781. 56	1894.	20, 544	2, 929, 947. 41
1875.	18, 293	2, 068, 537. 74	1895.	20, 922	2, 980, 809. 30
1876.	22, 530	2, 590, 552. 81	1896.	20, 099	2, 790, 242. 55
1877.	19, 900	2, 407, 828. 19	1897.	20, 115	2, 778, 404. 20
1878.	22, 460	2, 662, 980. 82	1898.	22, 281	3, 095, 017. 75
1879.	17, 391	2, 070, 842. 39	1899.	22, 812	3, 134, 149. 44
1880.	15, 441	1, 938, 234. 89	1900.	25, 286	3, 477, 842. 71
1881.	15, 077	1, 928, 004. 76	1901.	37, 568	5, 241, 120. 76
1882.	17, 174	2, 219, 453. 80	1902.	31, 627	4, 342, 747. 70
1883.	18, 998	2, 504, 414. 51	1903.	26, 373	3, 576, 964. 14
1884.	21, 843	2, 945, 574. 72	1904.	23, 932	3, 232, 716. 75
1885.	22, 066	3, 032, 679. 11			
1886.	19, 356	2, 663, 531. 83			
1887.	19, 866	2, 749, 037. 48	Total.	718, 930	96, 495, 414. 86

No. 1064.—*Notice of the discontinuance of the Oklahoma City, Okla., land district and the transfer of the lands embraced therein to the Guthrie, Okla., land district, and the records and business of the Oklahoma City, Okla., land office to the Guthrie, Okla., land office.*

Notice is hereby given that the President of the United States, by Executive Order, dated January 15, 1904, has, pursuant to the provisions of sections 2250, 2252, 2253 of the Revised Statutes of the United States, directed that—

First. The Oklahoma land district, Oklahoma, be discontinued and the lands therein be consolidated with and made a part of the Guthrie land district, Oklahoma.

Second. The Oklahoma land office, Oklahoma, be discontinued and its business and archives be transferred to the Guthrie land office, Oklahoma.

In pursuance of said Executive Order the land office at Oklahoma City, Okla., will be permanently closed and discontinued at the close of business hours on March 31, 1904, and its business and archives transferred to and made a part of the land office at Guthrie, Okla., on April 1, 1904.

Given under my hand at the city of Washington, this 28th day of January, A. D. 1904.

By the President:

W. A. RICHARDS,
Commissioner of the General Land Office.

No. 1071.—*Notice of the creation of an additional land district in the State of North Dakota, to be known as the Dickinson land district, and the location of the land office thereof at Dickinson, N. Dak.*

Notice is hereby given that by an act of Congress approved March 16, 1904, it was enacted:

That all that portion of North Dakota lying south of the twelfth standard parallel and west of the range line between ranges ninety and ninety-one west of the principal meridian be, and the same is hereby, created into a separate land district, to be known as the Dickinson district, and the land office for said district shall be located at the town of Dickinson until such time as the President may, in his discretion, remove the site of said land office from said town. * * *

The land office at Dickinson, N. Dak., will be open for the transaction of public business on July 1, 1904.

Given under my hand, at the city of Washington, this 25th day of March, A. D. 1904.

By the President:

W. A. RICHARDS,
Commissioner of the General Land Office.

No. 1070.—*Notice of definite location of the boundary between the Boise and Lewiston land districts in the State of Idaho.*

Notice is hereby given that the President of the United States, by Executive Order, dated March 18, 1904, has, pursuant to the provisions of section 2253 of the Revised Statutes of the United States, and by the authority therein given, directed that the boundary line between the Boise and Lewiston land districts, in the State of Idaho, be established as follows:

Beginning at the point where the line between townships 24 and 25 north of the base line, when produced, will intersect the Snake River, at the western boundary of Idaho, thence east between said townships 24 and 25 north to the point of intersection of said township line with the Salmon River, thence up said Salmon River to the point of intersection of the line between ranges 9 and 10 east of the Boise meridian, the same being the northeast corner of the Boise land district.

In pursuance of said Executive Order, the change of boundary line directed will take effect on May 2, 1904, and registers and receivers of the land offices at Boise and Lewiston are hereby instructed to make the proper notation of the definite establishment of this boundary upon their records and, in the acceptance of entries of public lands in their respective districts, to be governed accordingly.

Given under my hand, at the city of Washington, this 24th day of March, A. D. 1904.

By the President:

W. A. RICHARDS,
Commissioner of the General Land Office.

No. 1084.—*Notice of change of boundaries of the Grand Forks and Devils Lake land districts, in the State of North Dakota.*

Notice is hereby given that the President of the United States, by Executive Order, dated June 2, 1904, has, pursuant to the provisions of section 2253 of the Revised Statutes of the United States, and by virtue of the authority therein given, directed that the lands included within the following boundaries and being a portion of the Grand Forks land district, in the State of North Dakota, be transferred to and made a part of the Devils Lake land district in said State:

Beginning at the southeast corner of township 149 north, range 62 west of the fifth principal meridian; thence north to the northeast corner of said township; thence east to the southeast corner of township 150 north, range 61 west; thence north on the line between ranges 60 and 61 to the northeast corner of township 150 north, range 61 west; thence west to the northwest corner of the same township; thence north on the line between ranges 61 and 62 to the northeast corner of township 152 north, range 62 west; thence west on the line between townships 152 and 153 to a point in the lake which, if established, would be the northwest corner to township 152 north, range 63 west; thence south on the line between ranges 63 and 64 to its intersection with the twelfth standard parallel; thence east on said standard parallel to the place of beginning.

In pursuance of said Executive Order, the transfer of the lands included within the boundaries above indicated will take effect on August 1, 1904.

Given under my hand, at the city of Washington, D. C., this 6th day of June, A. D. 1904.

By the President:

J. H. FIMPLE,
Acting Commissioner of the General Land Office.

List of United States district land offices June 30, 1904.

Name of office.	State or Territory.	Date of act or Executive order authorizing the establishment.	Date of opening. ^a
Huntsville.....	Alabama	Mar. 3, 1807	July 27, 1810
Montgomery.....	do	July 10, 1832	Jan. 1, 1834
Juneau.....	Alaska	Apr. 2, 1902	June 20, 1902
Prescott.....	Arizona	Nov. 3, 1868	Oct. 1, 1870
Tucson.....	do	Apr. 22, 1881	July 1, 1881
Camden.....	Arkansas	Jan. 10, 1871	Mar. 20, 1871
Dardanelle.....	do	July 14, 1870	May 31, 1871
Harrison.....	do	do	Feb. 27, 1871
Little Rock.....	do	Feb. 17, 1818	Sept. 1, 1821
Eureka.....	California	Mar. 29, 1858	July 24, 1858
Independence.....	do	Apr. 22, 1886	Mar. 22, 1887
Los Angeles.....	do	June 12, 1869	Sept. 22, 1869
Marysville.....	do	Mar. 3, 1853	Apr. 27, 1858
Redding.....	do	May 13, 1890	July 15, 1890
Sacramento.....	do	July 26, 1866	Nov. 12, 1867
San Francisco.....	do	Jan. 16, 1857	Nov. 3, 1857
Stockton.....	do	Mar. 29, 1858	July 1, 1858
Susanville.....	do	Feb. 10, 1871	Mar. 2, 1871
Visalia.....	do	Mar. 29, 1858	July 10, 1858
Akron.....	Colorado	Feb. 6, 1890	Aug. 1, 1890
Del Norte.....	do	June 20, 1874	Mar. 22, 1875
Denver.....	do	June 4, 1864	Aug. 15, 1864
Durango.....	do	Apr. 20, 1882	Oct. 2, 1882
Glenwood Springs.....	do	July 3, 1884	Nov. 10, 1884
Gunnison.....	do	Oct. 20, 1882	Apr. 2, 1883
Hugo.....	do	Feb. 6, 1890	Sept. 7, 1890
Lamar.....	do	Aug. 4, 1886	Jan. 3, 1887
Leadville.....	do	Apr. 5, 1879	July 1, 1879
Montrose.....	do	Jan. 4, 1888	Sept. 1, 1888
Pueblo.....	do	May 27, 1870	Jan. 16, 1871
Sterling.....	do	Feb. 6, 1890	Aug. 1, 1890
Gainesville.....	Florida	June 8, 1872	Apr. 30, 1873
Blackfoot.....	Idaho	Sept. 3, 1856	Nov. 16, 1886
Boise.....	do	July 26, 1866	Jan. 13, 1868
Cœur d'Alene.....	do	July 14, 1884	Dec. 21, 1885
Hailey.....	do	Jan. 24, 1883	July 16, 1883
Lewiston.....	do	July 26, 1866	Sept. 26, 1871
Des Moines.....	Iowa	Aug. 2, 1852	Jan. 28, 1853
Colby.....	Kansas	Dec. 20, 1893	Feb. 5, 1894
Dodge City.....	do	do	Feb. 3, 1894
Topeka.....	do	July 24, 1861	Sept. 10, 1861
Wakeeney.....	do	July 8, 1879	Oct. 20, 1879

^a Where date of opening is not known, date of first entry made at the office is given. ^b About.

List of United States district land offices June 30, 1904—Continued.

Home of office.	State and Territory.	Date of act or Executive order authorizing the establishment.	Date of opening.
Natchitoches	Louisiana	July 7, 1838	Oct. 12, 1838
New Orleans	do	Mar. 3, 1811	aJan. 1, 1812
Marquette	Michigan	Mar. 19, 1857	July 14, 1857
Cass Lake	Minnesota	Apr. 1, 1903	July 1, 1903
Crookston	do	Apr. 29, 1878	May 5, 1879
Duluth	do	Mar. 27, 1862	Jan. 15, 1863
St. Cloud	do	Feb. 23, 1858	Apr. 29, 1858
Jackson	Mississippi	June 23, 1836	July 25, 1836
Boonville	Missouri	May 18, 1857	Aug. 1, 1857
Ironton	do	May 20, 1861	July 8, 1861
Springfield	do	June 26, 1834	Oct. 4, 1838
Bozeman	Montana	June 20, 1874	Oct. 5, 1874
Great Falls	do	May 8, 1902	Aug. 1, 1902
Helena	do	Mar. 2, 1867	Apr. 27, 1867
Kalispell	do	Mar. 2, 1897	July 1, 1897
Lewistown	do	Apr. 1, 1890	Nov. 26, 1890
Miles City	do	Apr. 30, 1880	Oct. 19, 1880
Missoula	do	Apr. 1, 1890	Apr. 20, 1891
Alliance	Nebraska	Apr. 16, 1890	July 1, 1890
Brokenbow	do	do	July 7, 1890
Lincoln	do	July 7, 1868	Sept. 7, 1868
McCook	do	June 19, 1882	June 15, 1883
North Platte	do	Apr. 22, 1872	Apr. 11, 1873
O'Neill	do	Apr. 7, 1888	July 16, 1888
Sidney	do	May 3, 1886	July 2, 1887
Valentine	do	June 19, 1882	July 7, 1883
Carson City	Nevada	July 2, 1862	Mar. 1, 1864
Clayton	New Mexico	Dec. 18, 1888	Aug. 12, 1889
Las Cruces	do	Mar. 10, 1883	May 1, 1883
Roswell	do	Mar. 1, 1889	Dec. 9, 1889
Santa Fe	do	May 24, 1858	Nov. 24, 1858
Bismarck	North Dakota	Apr. 24, 1874	Oct. 12, 1874
Devils Lake	do	Mar. 3, 1883	Aug. 24, 1883
Dickinson	do	Mar. 16, 1904	July 1, 1904
Fargo	do	Dec. 29, 1873	Sept. 1, 1874
Grand Forks	do	Jan. 21, 1880	Apr. 20, 1880
Minot	do	Sept. 26, 1890	Oct. 1, 1891
Alva	Oklahoma	Aug. 25, 1893	Sept. 16, 1893
El Reno	do	July 4, 1901	Aug. 6, 1901
Guthrie	do	Mar. 3, 1889	Apr. 22, 1889
Kingfisher	do	do	Apr. 23, 1889
Lawton	do	July 4, 1901	Aug. 6, 1901
Mangum	do	Jan. 18, 1897	June 24, 1897
Woodward	do	Aug. 25, 1893	Sept. 16, 1893
Lagrange	Oregon	July 3, 1866	Nov. 15, 1867
Lakeview	do	June 6, 1877	Aug. 6, 1877
Oregon City	do	Aug. 24, 1854	Jan. 1, 1855
Burns	do	June 1, 1889	Sept. 2, 1889
Roseburg	do	Sept. 15, 1859	Jan. 3, 1860
The Dalles	do	Jan. 11, 1875	June 1, 1875
Aberdeen	South Dakota	Mar. 23, 1882	Oct. 2, 1882
Chamberlain	do	Feb. 10, 1890	Apr. 3, 1890
Huron	do	Mar. 23, 1882	Oct. 9, 1882
Mitchell	do	July 14, 1880	Jan. 3, 1882
Pierre	do	Feb. 10, 1890	May 12, 1890
Rapid City	do	Dec. 13, 1888	Jan. 15, 1889
Watertown	do	Apr. 5, 1879	May 1, 1880
Salt Lake City	Utah	July 16, 1868	Nov. 1, 1868
North Yakima	Washington	Apr. 11, 1885	Apr. 24, 1885
Olympia	do	May 16, 1890	Oct. 1, 1890
Seattle	do	June 27, 1887	Dec. 3, 1887
Spokane	do	June 23, 1883	Oct. 1, 1883
Vancouver	do	May 16, 1860	July 3, 1861
Walla Walla	do	Mar. 3, 1871	July 17, 1871
Waterville	do	May 16, 1890	Nov. 6, 1890
Ashland	Wisconsin	Sept. 28, 1886	Nov. 13, 1886
Eau Claire	do	Mar. 3, 1857	July 1, 1857
Wausau	do	June 19, 1872	Aug. 19, 1872
Buffalo	Wyoming	Mar. 3, 1887	May 1, 1888
Cheyenne	do	Feb. 5, 1870	Aug. 10, 1870
Douglas	do	Apr. 23, 1890	Nov. 1, 1890
Evanston	do	Aug. 9, 1876	Aug. 13, 1877
Lander	do	Apr. 23, 1890	Nov. 8, 1890
Sundance	do	Apr. 3, 1890	Oct. 27, 1890

a About.

NOTE.—By act of July 31, 1876, the land offices in Ohio, Indiana, and Illinois were abolished, and by act of March 3, 1877, the vacant tracts of public lands in Ohio, Indiana, and Illinois are made subject to entry and location at the General Land Office, Washington, D. C.

VACANT PUBLIC LANDS IN THE UNITED STATES.

The following tables are based on reports furnished by the district land offices and are arranged to show, by States, Territories, land districts, and counties, the area of unappropriated and unreserved public lands, surveyed and unsurveyed; the area of lands reserved; the area of lands appropriated, and the total area of each county or part of county in the respective land districts, to which is added a brief description of the character of the vacant lands.

The areas in the column of reserved lands include all lands reserved for any purpose whatsoever which may be eventually restored to the public domain, and those in the column of appropriated lands include all lands embraced in selections, filings, and entries, perfected and unperfected, and also the area of lands granted for school purposes.

The quantity of appropriated lands does not show an increase over the quantity reported for the preceding year to the extent of the lands entered during the fiscal year covered by this report, because the areas embraced in entries, filings, or selections which have been canceled for any reason decreases the quantity of appropriated lands. If the area relieved from appropriation by cancellation of entries, filings, or selections should exceed the area entered, selected, or filed upon, there would be a decrease in the area of appropriated lands and a corresponding increase in the area of vacant lands.

While the figures contained in the tables may not be absolutely correct, owing to liability to error in a work of such magnitude and to the necessity of making estimates of unsurveyed lands, it is believed that they are a close approximation of the actual areas. The statement is intended to inform correspondents and the general public as to whether there is much, little, or no public land in the several land States and Territories and the land districts therein, and in particular counties or localities.

It will be borne in mind that the greater portion of the vacant land is in the timbered regions of the Southern States, the lake region, the Pacific coast, and the mountainous and arid regions of the Far West, and that the portion of lands cultivable without clearing or irrigation is comparatively small. It is a reasonable conclusion, however, that vast bodies of the arid lands will in time be reclaimed by irrigation as the result of the efforts of the Government to construct storage basins and ditches for the purpose, as provided in the act of Congress approved June 17, 1902, seconded, as undoubtedly it will be, by private enterprise.

In naming the land districts in the following statement the names of the present offices are adopted as the names of the districts, for the reason that districts are thus named and known by settlers, and because it would be inconvenient to give the statutory names of the different districts created by Congress in addition to the names of the offices.

Statement by States, Territories, and land districts, and also counties where practicable, showing the area of land unappropriated and unreserved on July 1, 1902, the area reserved, the area appropriated, and the total area of each county (excluding water areas), together with a brief description, as furnished by the registers and receivers, of the character of the unappropriated and unreserved land.

ALABAMA.

Land district.	County.	Area unappropriated and unreserved.		Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.				
		<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	
Huntsville	Blount	158	.....	158	476,842	477,000	Mountainous.
	Calhoun	80	.....	80	9,920	10,000	Hilly, diversity of soil.
	Cherokee	620	.....	620	360,380	361,000	Mountainous.
	Colbert	1,640	.....	1,640	395,360	397,000	Do.
	Cullman	82	.....	82	388,918	389,000	Do.
	DeKalb	60	.....	60	497,940	498,000	Do.
	Etowah	40	.....	40	345,560	345,600	Do.
	Fayette	3,165	.....	3,165	125,895	129,000	Do.
	Franklin	2,410	.....	2,410	409,590	412,000	Do.
	Jackson	4,668	.....	4,668	721,332	726,000	Do.
	Jefferson	242	.....	242	43,758	44,000	Do.
	Lamar	1,171	.....	1,171	175,829	177,000	Do.
	Lauderdale	3,270	.....	3,270	446,730	450,000	Barren.
	Lawrence	19,340	.....	19,340	429,660	449,000	Mountainous.
	Lincoln	80	.....	80	380,920	381,000	Barren.
	Limestone	8,300	.....	8,300	511,700	520,000	Do.
	Madison	8,010	.....	8,010	462,960	471,000	Mountainous.
	Marion	2,880	.....	2,880	386,120	389,000	Do.
Montgomery	Marshall	1,186	.....	1,186	375,814	377,000	Do.
	Morgan	1,160	.....	1,160	158,840	159,000	Do.
	St. Clair	1,100	.....	1,100	225,960	227,000	Do.
	Walker	26,698	.....	26,698	376,392	403,000	Do.
	Winston	85,390	.....	85,390	7,806,210	7,891,600	Pine lands, hilly.
	Total	85,390	.....	85,390	7,806,210	7,891,600	Marshy pine lands.
	Antauga	80	.....	80	386,920	387,000	Agricultural lands, hilly.
	Baldwin	20,500	.....	20,500	965,500	986,000	Mountainous.
	Barbour	280	.....	280	582,720	583,000	Pine lands, sandy soil.
	Bibb	480	.....	480	395,520	396,000	Pine lands, hilly, sandy.
	Bullock	40	.....	40	388,960	389,000	Hilly, diversity of soil.
	Butler	440	.....	440	498,560	499,000	No vacant public land.
	Calhoun	2,000	.....	2,000	394,000	396,000	Pine lands, sandy.
	Chambers	40	.....	40	373,960	374,000	Timbered, sandy soil.
	Chilton	800	.....	800	467,200	468,000	
	Choctaw	12,000	.....	12,000	571,000	583,000	

Statement by States, Territories, and land districts, and also counties where practicable, showing the area of land appropriated, etc.—Continued.

ALABAMA—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of map-proprated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
		<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	
Montgomery	Clarke.....	2,000	.....	2,000	.....	732,000	734,000	Pine and agricultural.
	Clay.....	16,000	.....	16,000	.....	380,920	380,920	Hilly and broken, mountainous.
	Cleburne.....	16,000	.....	16,000	.....	342,000	358,000	Do.
	Coffee.....	320	.....	320	.....	429,080	430,000	Timbered, level, sandy.
	Conceh.....	400	.....	400	.....	527,600	528,000	Oak, hickory, pine lands; sandy loam.
	Coosa.....	5,400	.....	5,400	.....	416,000	416,000	Uneven, sandy soil.
	Covington.....	2,040	.....	2,040	.....	662,960	665,000	Level, sandy.
	Creshaw.....	320	.....	320	.....	387,680	388,000	Hilly, sandy.
	Dale.....	480	.....	480	.....	405,520	406,000	Pine lands, level, sandy.
	Dallas.....	40	.....	40	.....	622,000	622,000	No vacant public land.
	Elmore.....	120	.....	120	.....	333,880	334,000	Pine lands, varied soil.
	Escambia.....	1,280	.....	1,280	.....	610,720	612,000	Pine lands, light, sandy.
	Etowah.....	1,120	.....	1,120	.....	400	400	No vacant public land.
	Fayette.....	800	.....	800	21,480	256,400	279,000	Mountains, hilly.
	Geneva.....	560	.....	560	.....	417,200	418,000	Pine lands, light, sandy.
	Greene.....	800	.....	800	.....	407,440	408,000	Black prairie.
	Hale.....	1,040	.....	1,040	.....	419,200	420,000	Hilly, broken, sandy.
	Henry.....	1,600	.....	1,600	.....	308,460	309,500	Broken, sandy soil.
	Houston.....	160	.....	160	.....	307,900	308,000	Do.
	Jefferson.....	800	.....	800	.....	670,840	671,000	No vacant public land.
	Lamar.....	400	.....	400	.....	202,000	202,000	Hilly, red loam.
	Lee.....	400	.....	400	.....	404,600	405,000	No vacant public land.
	Lowndes.....	.....	.....	.....	.....	458,000	458,000	Do.
	Macon.....	40	.....	40	.....	384,960	385,000	Hilly, sandy soil.
	Marengo.....	880	.....	880	.....	609,120	610,000	Pine lands, level, sandy.
	Mobile.....	10,300	.....	10,300	.....	803,000	803,000	Flat, sandy, part marshy.
	Monroe.....	1,680	.....	1,680	.....	722,720	723,000	Broken, hilly, sandy.
	Montgomery.....	.....	.....	.....	.....	647,320	649,000	No vacant public land.
	Perry.....	320	.....	320	.....	506,000	506,000	Hilly, pine lands.
	Pickens.....	3,000	.....	3,000	.....	467,680	468,000	Pine lands, hilly, sandy.
	Pike.....	240	.....	240	.....	555,000	558,000	No vacant public land.
	Randolph.....	540	.....	540	.....	433,760	434,000	Mountains, hilly, rocky.
	Russell.....	120	.....	120	.....	367,460	368,000	Pine lands, undulating.
	St. Clair.....	1,240	.....	1,240	.....	411,880	412,000	Mountains, hilly; varied soil.
	Shelby.....	3,040	.....	3,040	.....	252,760	254,000	Hilly, rough; varied soil.
	Sumter.....	320	.....	320	.....	511,960	515,000	Undulating; soil sandy and red.
	Talladega.....	3,000	.....	3,000	.....	577,680	578,000	Mountains, hilly; varied soil.
	Tallapoosa.....	1,120	.....	1,120	.....	481,000	484,000	Hilly, red and gray sandy soil.
						484,880	486,000	

Tuscaloosa	4,320	.....	4,320	27,520	826,160	858,000	Hilly, broken, diversified soil.
Walker	80	.....	80	2,480	187,440	190,000	Do.
Washington	21,520	.....	21,520	.....	657,480	679,000	Pine lands, rolling.
Wilcox	240	.....	240	.....	583,760	584,000	Uneven pine lands, sandy,
Total	134,340	.....	134,340	51,480	24,580,500	24,766,320	
Total in Alabama	219,730	.....	219,730	51,480	32,386,710	32,657,920	

ARIZONA.

Prescott	1,010,228	690,157	1,700,385	3,977,886	1,238,729	6,912,000	Mountainous, arid; grazing and timber.
Apache	1,915,515	2,902,355	4,817,870	6,440,515	434,555	11,693,000	Mountainous, grazing, timber.
Cochino	51,275	1,269,718	1,321,023	393,619	4,358	1,718,000	Arid and broken.
Gila	133,245	1,216,243	1,369,538	1,446	4,016	1,375,000	Arid, grazing, broken.
Maricopa	983,273	7,391,932	8,375,205	384,790	49,005	8,909,000	Do.
Mohave	1,268,581	643,820	1,912,401	3,395,820	1,012,599	6,320,820	Do.
Navajo	848,057	3,238,923	4,086,980	520,770	513,250	5,121,000	Mountainous, timber, grazing.
Yavapai .....	.....	1,193,837	1,193,837	201,600	63	1,395,500	Arid, grazing, broken.
Yuma .....	.....	.....	.....	.....	.....	.....
Total	6,230,224	18,547,015	24,777,239	15,315,476	3,251,605	43,344,320	
Apache	21,206	18,009	39,215	205,140	2,645	247,000	Mountainous.
Cochise	1,611,271	1,733,012	3,344,283	302,199	335,518	3,982,000	Mountainous and grazing lands.
Gila	13,094	81,648	94,742	1,081,861	34,897	1,211,500	Do.
Graham	822,983	1,908,444	2,731,427	1,130,000	276,573	4,138,000	Mountainous, grazing, and arid lands.
Maricopa	1,033,608	2,292,774	3,326,382	563,571	536,047	4,426,000	Arid and grazing lands.
Navajo	904,035	4,138,879	5,132,974	70,000	.....	70,000	No vacant public land.
Pinal	467,756	2,079,795	2,547,551	578,594	455,932	6,167,500	Mountainous, arid, and grazing lands.
Santa Cruz	247,938	298,571	546,512	684,328	242,621	8,474,500	Arid and grazing lands.
Yuma	622,618	3,838,650	4,461,268	222,917	30,071	7,993,500	Mountainous, arid, and grazing lands.
Total	5,834,569	16,389,785	22,224,354	4,933,704	2,289,942	29,448,000	Do.
Total in Arizona	12,064,793	34,936,800	47,001,593	20,249,180	5,541,547	72,792,320	

ARKANSAS.

Camden	1,505	.....	1,505	.....	389,495	391,000	Rolling, second and third rate soil.
Ashley	3,572	.....	3,572	.....	414,428	418,000	Swampy.
Bradley	5,342	.....	5,342	.....	398,658	404,690	Do.
Calhoun	9,117	.....	9,117	.....	550,883	560,000	Broken.
Clark	1,822	.....	1,822	.....	79,178	81,000	Rolling, second and third rate soil
Cleveland	771	.....	771	.....	527,229	528,000	Rolling.
Columbia	84	.....	84	.....	7,416	7,500	Swampy.
Dallas .....	.....	.....	.....	.....	.....	.....

Statement by States, Territories, and land districts, and also counties where practicable, showing the area of land unappropriated, etc.—Continued.

ARKANSAS—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
Camden		<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	
		2,597	.....	2,597	.....	319,403	322,000	Rolling.
		44,706	.....	44,706	.....	253,734	301,000	Mountainous.
		1,219	.....	1,219	2,560	465,751	467,000	Timber.
		11,163	.....	11,163	.....	212,337	223,500	Mountainous.
		323,520	.....	323,520	.....	351,480	385,000	Very broken.
		3,714	.....	3,714	.....	297,756	301,500	Level and poor.
		680	.....	680	.....	358,820	359,500	Swampy.
		2,814	.....	2,814	.....	391,186	394,000	Do.
		202,995	.....	202,995	.....	307,065	310,000	Mountainous.
		721	.....	721	.....	400,279	401,000	Timber.
		645	.....	645	.....	480,355	481,000	Do.
		30,222	.....	30,222	.....	359,278	389,500	Mountainous.
		135,794	.....	135,794	.....	397,706	533,500	Do.
Pardanelle		5,248	.....	5,248	.....	6,752	12,000	Do.
		17,785	.....	17,785	.....	4,715	22,500	Very mountainous.
		8,065	.....	8,065	.....	339,835	348,000	Swampy.
		5,886	.....	5,886	.....	669,114	675,000	Flat and swampy.
		530,047	.....	530,047	2,560	7,982,893	8,515,500	
		12,359	.....	12,359	.....	19,141	31,500	
		16,421	.....	16,421	.....	368,579	385,000	
		20,404	.....	20,404	.....	351,596	372,000	
		57,806	.....	57,806	.....	26,194	84,000	
		83,115	.....	83,115	.....	341,885	425,000	
		30,961	.....	30,961	.....	400,639	431,000	
		55,598	.....	55,598	.....	11,902	67,500	
		116,096	.....	116,096	.....	104,904	221,000	
		202	.....	202	.....	5,798	6,000	
The land in this district is timbered, agricultural land, hilly and well watered. Some rocks upon it. No prairie land. Fine quality of coal throughout district. Gold, silver, zinc, lead, and iron in Pope, Yell, and Scott counties. Petroleum in Logan, Pope, Scott, Yell, and Sebastian counties.		108,322	.....	108,322	.....	407,678	516,000	
		51,420	.....	51,420	.....	17,580	69,000	
		199,183	.....	199,183	.....	413,817	613,000	
		1,884	.....	1,884	.....	338,116	340,000	
		125,682	.....	125,682	.....	482,818	608,500	
		879,453	.....	879,453	.....	3,290,047	4,169,500	

Harrison	Baxter	50, 200	50, 200	50, 200	326, 300	376, 500	Productive; mountainous, timbered, and mineral.
Benton	14, 300	14, 300	14, 300	14, 300	552, 700	567, 000	Do.
Boone	14, 000	14, 000	14, 000	14, 000	376, 000	390, 000	Do.
Carroll	22, 680	22, 680	22, 680	22, 680	390, 820	413, 500	Do.
Crawford	7, 360	7, 360	7, 360	7, 360	8, 000	8, 000	Do.
Franklin	400	400	400	400	14, 600	15, 000	Do.
Fulton	17, 620	17, 620	17, 620	17, 620	201, 380	219, 000	Do.
Independence	1, 520	1, 520	1, 520	1, 520	24, 480	26, 000	Do.
Lard	11, 200	11, 200	11, 200	11, 200	277, 300	288, 500	Do.
Johnson	3, 880	3, 880	3, 880	3, 880	9, 120	13, 000	Do.
Madison	33, 040	33, 040	33, 040	33, 040	495, 960	529, 000	Do.
Marion	20, 800	20, 800	20, 800	20, 800	386, 200	407, 000	Mountainous, mineral.
Martin	183, 560	183, 560	183, 560	183, 560	342, 440	526, 000	Productive; mountainous, timbered, and mineral.
Newton							Productive; mountainous, timbered, and mineral.
Searcy	100, 980	100, 980	100, 980	100, 980	316, 520	417, 500	Do.
Stone	116, 600	116, 600	116, 600	116, 600	270, 400	387, 000	Do.
Van Buren	15, 000	15, 000	15, 000	15, 000	31, 000	46, 000	Productive; mountainous.
Washington	10, 380	10, 380	10, 380	10, 380	601, 620	612, 000	Productive; timbered.
Total	616, 800	616, 800	616, 800	616, 800	4, 624, 200	5, 241, 000	
Little Rock	Arkansas	180	180	180	650, 320	650, 500	Mostly grazing lands.
Ashtey					199, 000	199, 000	Timber lands.
Chicot	2, 836	2, 836	2, 836	2, 836	394, 164	397, 000	Swampy, timbered.
Clark					2, 500	2, 500	No vacant public land.
Clay	389	389	389	389	415, 111	415, 500	Broken, timbered.
Cleburne	58, 644	58, 644	58, 644	58, 644	342, 356	401, 000	Mountainous, timbered.
Cleveland	254	254	254	254	295, 246	295, 500	Broken, timbered.
Conway	6, 987	6, 987	6, 987	6, 987	315, 013	322, 000	Do.
Craighead	562	562	562	562	433, 438	434, 000	Do.
Crittenden	480	480	480	480	408, 020	408, 500	Swampy.
Cross	845	845	845	845	388, 155	389, 000	Partly broken, partly swampy.
Dallas	3, 223	3, 223	3, 223	3, 223	424, 777	428, 000	Level, sandy, broken.
Desha					481, 500	481, 500	Swampy, timbered.
Drew					204, 000	204, 000	Do.
Faulkner	5, 259	5, 259	5, 259	5, 259	410, 241	415, 500	Broken, timbered.
Fulton	24, 824	24, 824	24, 824	24, 824	155, 146	180, 000	Do.
Garland	685	685	685	685	16, 815	17, 500	Do.
Grant	2, 388	2, 388	2, 388	2, 388	401, 112	403, 500	Level, timbered.
Greene	427	427	427	427	357, 073	357, 500	Broken, timbered.
Hot Spring	1, 079	1, 079	1, 079	1, 079	173, 921	177, 000	Do.
Independence	27, 403	27, 403	27, 403	27, 403	428, 587	454, 000	Do.
Izard	4, 911	4, 911	4, 911	4, 911	69, 082	71, 000	Do.
Jackson	113	113	113	113	409, 387	409, 500	Do.
Jefferson	100	100	100	100	559, 900	560, 000	Level, timbered.
Lawrence	4, 000	4, 000	4, 000	4, 000	376, 000	380, 000	Broken, timbered.
Lee	680	680	680	680	382, 320	383, 000	Swampy, timbered.
Lincoln	414	414	414	414	352, 086	352, 500	Do.
Lonoke	285	285	285	285	505, 215	505, 500	Grazing.
Mississippi	85	85	85	85	517, 915	518, 000	Swampy, timbered.

Statement by States, Territories, and land districts, and also counties where practicable, showing the area of land unappropriated, etc.—Continued.

ARKANSAS—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
Little Rock.....	Monroe.....	Acre. 1,398	Acre.	Acre. 1,398	Acre.	Acre. 388,102	Acre. 388,500	Swampy, timbered.
	Perry.....	7,439	.....	7,439	.....	132,061	139,500	Broken, timbered.
	Phillips.....	.....	.....	.....	.....	445,000	445,000	No vacant public land.
	Poinsett.....	.....	.....	.....	.....	448,000	448,000	Do.
	Pope.....	.....	.....	.....	.....	15,000	15,000	Do.
	Prairie.....	440	.....	440	.....	420,000	420,500	Grazing.
	Pulaski.....	12,449	.....	12,449	.....	409,551	482,000	Broken, timbered.
	Randolph.....	20,290	.....	20,290	.....	403,710	424,000	Do.
	St. Francis.....	.....	.....	.....	.....	393,500	393,500	No vacant public land.
	Saline.....	37,107	.....	37,107	.....	369,393	406,500	Broken, timbered.
	Sharp.....	42,128	.....	42,128	.....	350,372	392,500	Do.
	Van Buren.....	126,036	.....	126,036	.....	284,464	410,500	Do.
	White.....	4,959	.....	4,959	.....	658,721	663,680	Do.
	Woodruff.....	2,228	.....	2,228	.....	369,772	372,000	Swampy, timbered.
	Total.....	401,557	.....	401,557	.....	15,216,123	15,617,680	
	Total in Arkansas.....	2,427,857	.....	2,427,857	2,560	31,113,263	33,543,680	

CALIFORNIA.

Eureka.....	Del Norte.....	106,891	52,982	159,873	271,525	243,026	674,424	Very rough, broken, and mountainous; timber, grazing, and mineral land.
	Humboldt.....	44,140	94,266	138,406	401,237	1,727,155	2,266,798	Mountainous; grazing and timber land; some mineral.
	Mendocino.....	43,535	6,580	50,115	4,057	40,298	94,470	Mountainous; timber and grazing land.
	Shasta.....	.....	.....	.....	2,480	3,120	3,120	Do.
	Siskiyou.....	.....	.....	.....	1,067,136	72,257	1,139,393	Very mountainous; timber, grazing, and mineral land.
	Trinity.....	169,584	35,106	204,690	775,731	229,957	1,210,378	Mountainous; grazing, timber, and mineral land.
	Total.....	364,150	188,934	553,084	2,522,166	2,313,333	5,388,583	
Independence.....	Alpine.....	19,114	.....	19,114	.....	6,886	25,000	Mountainous, grazing.
	Fresno.....	.....	.....	.....	772,000	10,000	782,000	No vacant public land.

Independence.....	Inyo.....	3,329,945	2,386,980	5,716,895	560,000	235,105	6,512,000	Agricultural, mountainous, mineral.
	Kern.....	779,965	92,000	871,965	461,000	175,035	1,508,000	Arid, mountainous, grazing.
	Madura.....				198,000		198,000	No vacant public land.
	Mariposa.....				52,500	500	53,000	Do.
	Monro.....	1,355,002	206,681	1,562,283	115,000	307,554	1,984,837	Grazing, agricultural, mineral.
	San Bernardino.....	3,275,330	921,070	4,197,000		4,000	4,201,000	Arid, mineral, mountainous.
	Tulare.....				756,000	6,000	762,000	No vacant public land.
	Tuolumne.....				210,000		210,000	Do.
	Total.....	8,759,926	3,607,331	12,367,257	3,154,500	715,080	16,266,837	
Los Angeles.....	Kern.....	201,538	15,147	216,685	309,050	585,265	1,111,000	Arid, level, desert, mountainous.
	Los Angeles.....	740,659	162,215	902,874	422,230	1,418,406	2,743,500	Do.
	Orange.....	18,927	1,956	20,883	57,951	392,166	4,471,000	Mountainous and hilly.
	Riverside.....	1,901,211	622,683	2,523,894	1,381,420	758,686	4,664,000	Mountainous, rolling, and level desert.
	San Bernardino.....	3,640,084	922,837	4,562,921	3,057,692	759,917	8,380,500	Do.
	San Diego.....	2,338,427	509,822	2,937,749	892,015	1,505,236	5,395,000	Do.
	Santa Barbara.....	141,292	26,446	167,738	72,899	186,363	427,000	Mountainous and rolling.
	Ventura.....	68,746	51,438	125,184	261,312	451,004	855,500	Do.
	Total.....	9,050,884	2,405,044	11,455,928	6,424,529	6,147,043	24,027,500	
Marysville.....	Butte.....	61,165	13,056	74,221		950,779	1,025,000	Grazing, mineral, and timber.
	Colusa.....	37,167	1,490	38,657		598,843	637,500	Agricultural and grazing.
	Glenn.....	81,219	960	82,179		603,821	686,000	Do.
	Lake.....	9,239		9,239		9,261	18,500	Hilly; agricultural and grazing.
	Napa.....	14,680	664	15,344		84,656	100,000	Do.
	Nevada.....	11,567	11,760	23,327	320	42,353	66,000	Hilly; mineral and grazing.
	Placer.....					11,000	11,000	No vacant public land.
	Plumas.....	265,432	103,240	369,672		87,328	457,000	Mountainous; mineral and timber.
	Sierra.....	26,527	34,200	60,727		13,273	74,000	Do.
	Solano.....					28,000	28,000	No vacant public land.
Redding.....	Sutter.....	894	630	1,524		377,476	379,000	Agricultural and fruit land.
	Tehama.....	73,140	4,075	77,215		466,765	544,000	Grazing and agricultural.
	Yolo.....	42,733	880	43,613		515,387	559,000	Do.
	Yuba.....	61,732		61,732	783	324,485	397,000	Agricultural, timber, and mineral.
	Total.....	686,495	170,955	857,450	1,103	4,123,447	4,982,000	
	Butte.....	2,840		2,840		2,160	5,000	Mountainous land; timbered.
	Modoc.....	62,199	32,430	94,629		72,371	167,000	Principally mountainous timber land.
	Plumas.....	2,500		2,500		2,500	5,000	Do.
	Shasta.....	737,871	39,075	776,949	63,448	1,865,003	2,706,000	Farming, grazing, timber, mineral.
Sacramento.....	Siskiyou.....	836,647	143,862	980,149	47,374	1,782,477	2,810,000	Do.
	Tehama.....	285,425	19,398	304,823		635,177	940,000	Mostly foothill and grazing land.
	Trinity.....	362,623	8,119	370,742	47,730	347,528	766,000	Mountainous, timber, grazing, mineral.
	Total.....	2,290,108	242,524	2,532,632	158,552	4,707,816	7,399,000	
	Alpine.....	6,629		6,629		48,528	535,000	Grazing, desert.
	Amador.....	90,747		90,747	277,813	48,528	335,000	Grazing, timber, mineral.
	Calaveras.....	91,777		91,777	55,261	284,003	390,000	Do.
					63,220		442,000	

Statement by States, Territories, and land districts, and also counties where practicable, showing the area of land unappropriated, etc.—Continued.

CALIFORNIA—Continued.

Land district.	County.	Area unappropriated and unreserved.		Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of map-proprated and unreserved land.
		Surveyed.	Unsurveyed.				
		<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	
Sacramento	Contra Costa	62,857	4,380	5,960	13,040	19,000	No vacant public land.
	Eldorado	10,000		428,979	583,164	1,075,000	Timber, grazing, and mineral.
	Yuba	14,380	4,380	1,120		15,500	Grazing, mineral.
	Nevada	84,092		310,841	178,067	575,000	Mineral, timber.
	Placer	64,018		526,691	228,291	919,000	Mineral, timber, and grazing.
	Plumas			15,020	8,980	24,000	Grazing.
	Sacramento	1,420		110,665	450,915	563,000	Farming and grazing.
	San Joaquin			1,150	8,850	10,000	No vacant public land.
	Sierra	850		300,860	48,290	350,000	Grazing and timber.
	Solano			7,100	39,840	47,000	Agricultural.
	Sutter	1,498		8,858	31,644	42,000	Mineral and timber.
	Tuolumne			252,737	67,263	320,000	Timber, grazing, and mineral.
San Francisco.....	Yolo			1,920	47,080	49,000	Farming and grazing.
	Total	416,888	4,380	2,368,285	2,381,947	5,171,500	
	Alameda	3,409			499,591	503,000	Mountain land.
	Colusa			10,091	65,909	76,000	Do.
	Contra Costa				437,000	437,000	No vacant public land.
	Fresno	79,299	2,560		79,141	161,000	Mountain land.
	Glenn			111,741	14,259	126,000	Do.
	Kern	8,116	14,447	42,120	75,317	140,000	Do.
	Lake	7,680			2,320	10,000	Do.
	Kings	153,321		224,063	454,616	832,000	Do.
	Martin				338,000	338,000	No vacant public land.
	Mendocino	458,432	75,116	112,371	1,590,081	2,236,000	Mountain land.
	Merced	54,045			78,955	133,000	Do.
	Monterey	949,918	3,994		1,157,088	2,111,000	Do.
	Napa	85,485	11,520		302,995	400,000	Do.
	Sacramento				5,000	5,000	No vacant public land.
	San Benito	337,811	5,115		512,070	855,000	Mountain land.
	San Francisco				32,000	32,000	No vacant public land.
	San Joaquin	22,560			100,440	183,000	Mountain land.
	San Luis Obispo	641,966		924	1,514,110	2,157,000	Do.
	San Mateo				288,000	288,000	No vacant public land.
	Santa Barbara	38,927		604,327	695,746	1,339,000	Mountain land.
	Santa Clara	24,541	5,482	1,945	822,032	854,000	Do.
	Santa Cruz				273,000	273,000	No vacant public land.

Statement by States, Territories, and land districts, and also counties where practicable, showing the area of land unappropriated, etc.—Continued.

COLORADO.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
		<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	
Akron	Morgan	82,011		82,011		96,489	178,500	Prairie, agricultural, and grazing lands.
	Washington	292,541		292,541		1,183,059	1,475,000	
	Yuma	355,817		355,817		1,007,583	1,363,400	
	Total	730,369		730,369		2,287,131	3,017,500	
Del Norte	Archuleta		45,000	45,000		65,000	110,000	Mountainous, grazing, timber.
	Chaffee	14,000		14,000			14,000	Mountainous, mineral.
	Concejos	372,187	133,840	506,027		340,973	847,000	Agricultural, farming, and mountainous.
	Costilla	72,479	287,000	359,479		722,521	1,082,000	Mountainous, prairie, and farming.
	Custer	31,835		31,835		165	32,000	Valley and farming.
	Fremont	4,640		4,640	7,360		12,000	Mountainous and farming.
	Hinsdale				147,320		164,000	Agricultural and mineral.
	Huerfano	27,066		27,066		934	28,000	Farming and mountainous.
	Las Animas	2,000		2,000		3,000	32,000	Agricultural.
	Mineral	31,840		31,840	328,572	50,588	412,000	Agricultural and mineral.
	Rio Grande	177,810		177,810	46,048	348,142	572,000	Do.
	Saguache	812,224	50,220	862,444	328,260	328,296	1,514,000	Do.
	San Juan				12,000		12,000	Agricultural.
	Total	1,546,081	516,060	2,062,141	865,560	1,903,299	4,831,000	
Denver	Adams	190,476		190,476		638,124	828,600	Agricultural and grazing.
	Arapahoe	126,384		126,384		425,416	552,000	Do.
	Boulder	248,131		248,131		256,809	505,000	Mountainous, mineral.
	Clear Creek	109,138	63,831	172,969		73,031	248,000	Mountainous.
	Douglas	4,450		4,450	155,820	387,230	347,000	Arid; grazing, broken.
	Eagle	125,816		125,816	85,700	35,484	247,000	Mountainous, broken, mineral.
	Elbert	107,058		107,058		872,942	980,000	Agricultural and grazing.
	Gilpin	26,015	40,212	66,227		23,773	90,000	Do.
	Grand	615,693	16,000	631,693	227,000	286,307	910,500	Do.
	Jefferson	132,218		132,218	43,520	325,762	501,500	Do.
	Larimer	1,072,884	175,000	1,247,884	544,000	910,116	2,702,000	Grazing and agricultural.
	Morgan	243,155		243,155		106,845	410,000	Mountainous, grazing, mineral.
	Routt	3,560		3,560	90,000	10,440	104,000	Mountainous, grazing, mineral.
	Summit	54,854	65,280	120,134		134,806	255,000	Do.

Weld		677,499	.....	677,499	.....	1,374,001	2,051,500	Agricultural and grazing.
Total		3,737,991	390,323	4,128,314	1,146,040	5,923,146	11,197,500	
Durango	Archuleta	367,983	161,910	529,893	14,800	169,307	714,000	Timber, agricultural, and mineral.
	Dolores	433,613	115,000	548,613	.....	31,887	580,500	Mountainous, agricultural, and mineral.
	Hinsdale	90,511	100,000	190,511	.....	7,489	198,000	Mountainous and grazing.
	La Plata	849,373	45,701	895,074	7,000	296,928	1,199,000	Grazing, agricultural, and mineral.
	Mineral	155,960	.....	155,960	.....	1,040	157,000	Mountainous and grazing.
	Montezuma	715,510	46,000	761,510	392,000	187,490	1,341,000	Grazing, agricultural, and mineral.
	Ouray	3,627	.....	3,627	.....	2,373	6,000	Mountainous and mineral.
	Rio Grande	2,830	.....	2,830	.....	170	3,000	Do.
	San Juan	244,697	.....	244,697	.....	26,903	271,000	Do.
	San Miguel	42,253	.....	42,253	.....	8,707	51,000	Mountainous, mineral, and agricultural.
Total		2,905,797	468,611	3,374,408	413,800	732,292	4,520,500	
Glenwood Springs.	Delta	.....	.....	.....	87,000	.....	87,000	No vacant public land.
	Eagle	318,029	204,074	522,103	20,468	65,429	608,000	Grazing and mineral.
	Garfield	813,053	370,140	1,183,193	552,880	225,927	1,963,000	Farming, grazing, mineral.
	Gunnison	27,638	58,929	86,567	23,040	18,383	128,000	Mountainous, mineral.
	Larimer	24,000	.....	24,000	.....	.....	24,000	Mountainous.
	Mesa	176,674	44,564	221,238	224,785	78,977	525,000	Farming, grazing.
	Pitkin	18,979	365,467	384,446	51,914	85,614	522,000	Grazing and mineral.
	Rio Blanco	1,371,324	138,616	1,509,940	401,280	148,780	2,060,000	Farming and grazing.
	Routt	3,113,432	83,250	3,196,682	346,730	859,088	4,402,500	Farming, grazing, mineral.
	Total	5,863,129	1,265,040	7,128,169	1,709,097	1,482,234	10,319,500	
Gunnison.	Chaffee	19,963	.....	19,963	.....	3,337	23,000	Mountainous, rich in mineral.
	Delta	5,000	.....	5,000	.....	3,000	8,000	Mountainous, grazing lands.
	Gunnison	1,001,401	397,157	1,398,558	46,680	380,362	1,825,000	Mountainous, coal, mineral, farming, grazing.
	Hinsdale	248,073	56,169	304,242	.....	9,758	314,000	Mountainous and mineral, timber.
	Mineral	20,900	.....	20,900	.....	510	21,500	Do.
	Montrose	18,800	78,680	97,540	.....	21,400	119,000	Mesa land or table-land, grazing, arid.
	Ouray	8,800	.....	8,800	.....	200	9,000	Mountainous, mineral.
	Saguache	406,062	.....	406,062	.....	29,438	435,500	Farming, grazing, mineral, timber.
	Total	1,729,149	532,006	2,261,155	46,680	447,765	2,755,000	
	Cheyenne	358,747	.....	358,747	.....	559,253	918,000	Land in this district is grazing, farming, and arid.
Hugo	Kit Carson	796,875	.....	796,875	.....	602,125	1,399,000	
	Lincoln	529,720	.....	529,720	.....	624,280	1,154,000	
	Total	1,685,342	.....	1,685,342	.....	1,785,658	3,471,000	
Lamar	Baca	1,152,598	.....	1,152,598	1,000	469,402	1,623,000	Undulating prairie, grazing, and farming.
	Bent	405,989	.....	405,989	4,990	397,051	808,000	Undulating prairie and valley land.
	Cheyenne	180,716	.....	180,716	.....	39,284	220,000	Prairie, grazing land.
	Total	1,685,342	.....	1,685,342	.....	1,785,658	3,471,000	
	Bent	405,989	.....	405,989	.....	397,051	808,000	Undulating prairie and valley land.
	Cheyenne	180,716	.....	180,716	.....	39,284	220,000	Prairie, grazing land.
	Total	1,685,342	.....	1,685,342	.....	1,785,658	3,471,000	
	Bent	405,989	.....	405,989	.....	397,051	808,000	Undulating prairie and valley land.
	Cheyenne	180,716	.....	180,716	.....	39,284	220,000	Prairie, grazing land.
	Total	1,685,342	.....	1,685,342	.....	1,785,658	3,471,000	

Statement by States, Territories, and land districts, and also counties where practicable, showing the area of land unappropriated, etc.—Continued.

COLORADO—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
Lamar	Kiowa	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	Undulating prairie, grazing. Broken, hilly, grazing land. Level prairie, grazing land. Prairie and valley farming land.
		597,883	.....	597,883	2,040	406,077	1,006,000
		298,442	.....	298,442	.....	49,558	348,000
		40,040	.....	40,040	.....	3,960	44,000
		493,201	.....	493,201	.....	557,799	1,031,000
	Total	3,168,869	3,168,869	8,000	1,903,131	5,080,000	
Leadville	Chaffee	552,078	552,078	1,600	138,322	692,000	Mineral and mountainous. Do. Grazing. Mineral, mountainous. Grazing. Mineral, mountainous. Mineral and agricultural. Mineral, mountainous. Grazing. Mineral, mountainous. Do.
		58,703	114,028	167,731	.....	16,269	184,000
		17,063	.....	17,063	.....	2,827	20,500
		.....	7,350	7,350	.....	8,000	8,000
		6,845	.....	6,845	23,900	8,253	33,000
		101,402	55,352	156,954	1,820	73,225	234,000	
		551,286	.....	551,286	452,000	387,334	1,390,680
		.....	97,312	97,312	.....	8,688	106,000
		.....	960	960	.....	40	1,000
		87,758	26,733	114,551	.....	34,449	149,000
		26,142	.....	26,142	.....	25,838	52,000
	Total	1,396,877	301,995	1,698,872	479,320	697,988	2,876,180	
Montrose	Delta	396,532	56,963	453,495	84,719	141,786	680,000	Coal, agricultural, grazing, mineral. Mineral, grazing, arid. Mineral, mountainous. Coal, farming, mineral, and grazing. Do. Agricultural, rich mineral, grazing, coal. Do.
		37,000	40,320	77,380	.....	4,120	81,500
		6,000	.....	6,000	.....	.....	6,000
		1,000,954	314,320	1,315,274	37,073	169,653	1,522,000	
		1,017,718	73,425	1,091,173	.....	267,327	1,358,500
		266,625	.....	266,625	.....	48,875	315,500
	Total	558,673	135,240	691,913	.....	85,587	777,500
Pueblo	Bent	3,283,592	618,268	3,901,860	121,792	717,348	4,741,000	Agricultural and grazing. Mountainous. Do. Mountainous and grazing. Agricultural and grazing.
		77,802	.....	77,802	.....	89,698	167,500
		9,660	.....	9,660	.....	.....	9,660
		26,113	.....	26,113	.....	8,887	35,000
		124,212	.....	124,212	56,000	244,788	425,000
	Total	119,136	.....	119,136	.....	85,864	205,000

El Paso.....	213,368	1,500	214,868	129,908	1,014,724	1,359,500	One-third mountainous; two-thirds agricultural and grazing.
Fremont.....	588,262	.....	588,262	37,224	298,514	924,000	Two-thirds mountainous; one-third agricultural and grazing.
Huerfano.....	466,595	480	467,075	78,526	467,399	1,013,000	One-third mountainous; two-thirds agricultural and grazing.
Kiowa.....	78,143	.....	78,143	.....	61,857	140,000	Grazing.
Las Animas.....	1,317,816	.....	1,317,816	80,536	1,221,648	2,620,000	One-third mountainous; two-thirds agricultural.
Lincoln.....	345,357	.....	345,357	.....	101,643	447,000	Grazing.
Otero.....	754,987	.....	754,987	.....	547,013	1,302,000	Agricultural and grazing.
Park.....	754,240	.....	754,240	.....	80	320	Mineral and agricultural.
Pueblo.....	524,015	4,260	528,275	64,000	959,725	1,552,000	Three-fourths agricultural; one-fourth mountainous.
Saguache.....	68,597	.....	68,597	7,893	510	77,000	Mountainous.
Teller.....	22,176	.....	22,176	50,572	226,752	299,500	Mountainous; largely mineral.
Total.....	4,736,479	6,240	4,742,719	504,659	5,329,102	10,576,480	
Logan.....	262,152	.....	262,152	.....	907,348	1,169,500	Agricultural and grazing.
Morgan.....	204,693	.....	204,693	.....	24,807	229,500	Do.
Phillips.....	.....	.....	.....	.....	433,500	433,500	No vacant public land.
Sedgwick.....	20,512	.....	20,512	.....	321,488	342,000	Agricultural and grazing.
Washington.....	43,359	.....	43,359	.....	94,641	138,000	Do.
Weld.....	308,072	.....	308,072	.....	193,428	501,500	Do.
Yuma.....	110,590	.....	110,590	.....	37,910	148,500	Do.
Total.....	949,378	.....	949,378	.....	2,013,122	2,962,500	
Total in Colorado.....	31,733,053	4,098,543	35,831,596	5,294,348	25,222,216	66,348,160	

FLORIDA.

[The greater part of the land in the State is level and timbered and there are no mountains. There are some large swamps and marshes in the southern part of the State.]

Gainesville.....	Alachua.....	13,967	13,967	.....	804,533	818,500	Low pine land.
.....	Baker.....	2,107	2,107	.....	369,893	372,000	Do.
.....	Bradford.....	885	885	.....	340,115	341,000	Do.
.....	Brevard.....	62,872	92,171	115	1,480,711	1,573,000	Low pine and swamp land.
.....	Calhoun.....	53,995	53,995	2,483	657,022	713,500	Low pine land.
.....	Citrus.....	9,476	9,476	.....	411,024	420,500	Do.
.....	Clay.....	26,050	26,050	.....	367,450	393,500	Do.
.....	Columbia.....	2,147	2,147	.....	511,353	513,500	Do.
.....	Dade.....	115,891	115,891	1,857	2,719,252	2,837,000	Do.
.....	De Soto.....	71,097	71,097	.....	2,359,903	2,431,000	Do.
.....	Duval.....	500	1,700	.....	501,300	503,000	Do.
.....	Escambia.....	5,187	5,187	4,894	424,419	434,500	Do.
.....	Franklin.....	.....	.....	.....	457,000	457,000	No vacant public land.

Statement by States, Territories, and land districts, and also counties where practicable, showing the area of land unappropriated, etc.—Continued.

FLORIDA—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
		<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	
Gainesville.	Gadsden.....	4,112		4,112	.....	333,888	338,000	Low pine land.
	Hamilton.....	2,924		2,924	.....	338,576	341,500	Do.
	Hernando.....	3,562		3,562	.....	328,198	332,000	Do.
	Hillsboro.....	2,189		2,189	.....	841,576	845,000	Low pine and swamp land.
	Holmes.....	1,969		1,969	1,285	288,581	290,500	Low pine land.
	Jackson.....	2,023		2,023	.....	633,977	636,000	Do.
	Jefferson.....	386		386	.....	378,614	379,000	Do.
	Lafayette.....	27,123		27,123	.....	770,377	797,500	Low pine and swamp land.
	Lake.....	43,406		43,406	.....	622,394	666,000	Low pine land.
	Lee.....	30,518		43,318	1,176	2,935,646	2,980,140	Low pine and swamp land.
	Leon.....	1,569		1,569	.....	466,431	468,000	Low pine land.
	Levy.....	20,136		20,136	212	715,652	736,000	Do.
	Liberty.....				.....	478,000	478,000	No vacant public land.
	Madison.....	1,201		1,201	.....	455,299	456,500	Low pine land.
	Manatee.....	11,487		11,487	.....	856,513	868,000	Do.
	Marion.....	141,586		141,586	.....	904,414	1,046,000	Do.
	Monroe.....	7,000		7,000	.....	935,000	942,000	Low pine and swamp land.
	Nassau.....	6,350		6,350	419	406,781	413,500	Low pine land.
	Orange.....	25,293		33,613	.....	778,387	812,000	Do.
	Osceola.....	15,430		17,838	.....	1,116,162	1,134,000	Do.
	Pasco.....	2,633		2,633	.....	488,867	491,500	Do.
	Polk.....	24,640		24,640	.....	1,161,360	1,186,000	Do.
	Putnam.....	13,823		13,823	.....	403,177	477,000	Do.
	St. John.....	15,352		15,352	643	598,325	614,500	Do.
	Santa Rosa.....	82,966		82,966	267	390,267	1,013,500	Do.
	Sumter.....	1,200		1,200	.....	376,300	377,500	Do.
	Suwanee.....	1,619		1,619	.....	440,881	442,500	Do.
	Taylor.....	10,805		10,805	.....	683,195	694,000	Do.
	Volusia.....	18,666		31,746	.....	765,254	797,000	Do.
	Wakulla.....	600		600	.....	391,900	392,500	Do.
	Walton.....	130,283		130,283	.....	768,717	894,000	Do.
	Washington.....	75,732		75,732	5,958	838,310	920,000	Do.
Total in district and State.		997,777	160,070	1,157,847	19,259	33,895,534	35,072,640	

IDAHO.

Blackfoot.....	605, 106	265, 920	871, 026	305, 389	783, 585	1, 960, 000	Mountainous and agricultural lands.
Bear Lake.....	160, 828	219, 234	380, 062	1, 840	234, 098	616, 000	Do.
Bingham.....	416, 862	978, 266	1, 394, 128	51, 047	1, 678, 087	2, 708, 000	Do.
Blaine.....	39, 500	39, 500	39, 500	.....	.....	39, 500	Do.
Fremont.....	795, 119	804, 666	1, 599, 785	802, 828	1, 476, 387	3, 879, 000	Do.
Lemhi.....	.....	103, 000	103, 000	.....	.....	103, 000	Do.
Oneida.....	227, 409	678, 998	906, 407	194, 190	649, 103	1, 750, 000	Do.
Total.....	2, 205, 324	2, 672, 722	4, 878, 046	1, 355, 294	4, 822, 160	11, 055, 500	
Boise.....	353, 202	244, 914	598, 116	1, 849	161, 035	761, 000	Arid, mountainous, timbered.
Ada.....	671, 917	1, 276, 681	1, 948, 598	5, 042	444, 860	2, 398, 500	Mountainous, timbered, mineral, graz-
Canyon.....	404, 287	53, 038	457, 325	.....	378, 075	836, 000	ing.
Elmore.....	635, 518	308, 615	944, 133	5, 660	111, 207	1, 061, 000	Arid and grazing.
Idaho.....	111, 091	1, 442, 458	1, 553, 549	.....	13, 451	1, 567, 000	Arid, mountainous, mineral.
Owyhee.....	993, 733	3, 176, 696	4, 172, 429	4, 160	274, 411	4, 561, 000	Mountainous, mineral, timber.
Washington.....	840, 095	606, 102	1, 446, 197	.....	398, 623	1, 844, 820	Arid, mountainous, mineral, grazing.
Total.....	4, 011, 843	7, 108, 504	11, 120, 347	16, 711	1, 782, 262	12, 919, 320	Arid, mountainous, timber, mineral.
Coeur d'Alene.....	407, 957	1, 300, 984	1, 708, 941	231, 429	1, 415, 330	3, 355, 700	Agricultural and timbered.
Latah.....	10, 035	1, 138	11, 228	.....	28, 272	39, 500	Mountainous, timbered, agricultural.
Shoshone.....	87, 397	1, 006, 187	1, 093, 584	.....	161, 416	1, 258, 000	Agricultural, timbered, mineral.
Total.....	505, 389	2, 308, 364	2, 813, 753	231, 429	1, 605, 018	4, 650, 200	
Hailey.....	6, 520	69, 000	75, 520	640	2, 840	79, 000	Lava and sagebrush plains.
Blaine.....	688, 162	2, 864, 407	3, 552, 569	55, 680	250, 751	3, 899, 000	Mountainous, grazing, sagebrush-plains.
Boise.....	.....	112, 500	112, 500	.....	.....	112, 500	Mountainous.
Cassia.....	2, 211, 556	1, 143, 252	2, 354, 788	26, 263	524, 949	2, 906, 000	Grazing, sagebrush-plains.
Custer.....	171, 437	2, 709, 414	2, 880, 851	11, 840	72, 809	2, 965, 000	Mountainous, grazing.
Fremont.....	119, 561	357, 737	477, 298	7, 680	57, 942	542, 920	Do.
Idaho.....	18, 080	65, 000	83, 080	1, 280	640	85, 000	Lava and sagebrush plains.
Lemhi.....	2, 544	1, 298, 398	1, 300, 942	.....	58	1, 301, 000	Mountainous, grazing.
Lewiston.....	153, 391	2, 406, 293	2, 559, 684	82, 960	112, 356	2, 755, 000	Mountainous and arid prairie.
Lincoln.....	809, 107	1, 001, 583	1, 810, 690	45, 680	255, 630	2, 112, 000	Lava and sagebrush plains.
Owyhee.....	88, 551	590, 712	679, 263	5, 700	5, 977	602, 000	Do.
Total.....	3, 268, 909	12, 529, 276	15, 798, 185	237, 783	1, 283, 952	17, 319, 920	
Lewiston.....	203, 826	3, 361, 956	3, 567, 782	12, 000	463, 718	4, 049, 500	Mountainous, timbered, agricultural.
Kootenai.....	8, 344	12, 000	20, 344	.....	27, 000	27, 000	Do.
Latah.....	10, 965	.....	10, 965	.....	663, 535	674, 500	Do.
Nevada.....	135, 779	105, 816	241, 595	139, 000	514, 905	895, 500	Do.
Shoshone.....	490, 470	721, 149	1, 217, 619	69, 360	415, 021	1, 702, 000	Do.
Total.....	857, 384	4, 200, 921	5, 058, 305	220, 360	2, 069, 835	7, 348, 500	
Total in Idaho.....	10, 848, 849	28, 819, 787	39, 665, 636	2, 061, 577	11, 563, 227	53, 293, 440	

Statement by States, Territories, and land districts, and also counties where practicable, showing the area of land unappropriated, etc.—Continued.

INDIAN TERRITORY.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
		<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	
					19,658,880		19,658,880	No vacant public land.
Des Moines						35,646,080	35,646,080	No vacant public land.

IOWA.

KANSAS.

Colby	Cheyenne	57,200		57,200		600,080	658,000	Farming, grazing.
	Declar	200		200		575,800	576,000	Do.
	Graham					463,000	463,000	No vacant public land.
	Jewell					242,000	242,000	Do.
	Lincoln					46,000	46,000	Do.
	Mitchell	80		80		181,920	182,000	Broken, grazing.
	Norton					567,000	567,000	No vacant public land.
	Osborne	360		360		570,640	571,000	Broken, grazing.
	Phillips					574,000	574,000	Do.
	Rawlins	16,200		16,200		668,800	685,000	Farming, grazing.
Dodge City	Rooks	760		760		454,240	455,000	Broken, grazing.
	Sheridan	440		440		572,560	573,000	Do.
	Sherman	6,320		6,320	160	664,520	671,000	Farming, grazing.
	Smith					573,000	573,000	No vacant public land.
	Thomas	200		200		684,800	685,000	Farming, grazing.
	Total	82,480		82,480	160	7,438,360	7,521,000	
	Barber	8,493		8,493		711,507	720,000	Broken.
	Barton					573,140	576,000	Broken, sandy.
	Chase				2,560	148,000	148,000	No vacant public land.
	Clark	2,465		2,465		613,535	616,000	Broken, sandy.
	Comanche	800		800		504,200	505,000	Do.
	Edwards	600		600		333,400	334,000	Do.

Finney.....	56,400	56,400	1,900	708,600	\$25,000	Do.
Ford.....	160	160	.....	698,940	696,000	Do.
Gant.....	19,760	19,760	.....	349,240	369,000	Grazing.
Gray.....	3,800	3,800	.....	547,200	551,000	Part grazing, part broken and sandy.
Hamilton.....	117,185	117,185	.....	506,815	624,000	Do.
Harper.....	.....	.....	.....	505,000	505,000	No vacant public land.
Harvey.....	24,445	24,445	.....	346,000	346,000	Do.
Haskell.....	80,850	80,850	.....	347,555	372,000	Grazing.
Hodgeman.....	.....	.....	.....	551,320	552,000	Broken.
Kearny.....	80,850	80,850	.....	465,150	546,000	Part grazing, part broken and sandy.
Kingman.....	1,950	1,950	.....	536,000	536,000	No vacant public land.
Kiowa.....	.....	.....	.....	461,630	463,000	Grazing, broken.
McPherson.....	.....	.....	.....	113,000	113,000	Do.
Marion.....	1,200	1,200	.....	183,000	183,000	No vacant public land.
Meade.....	138,245	138,245	.....	619,800	621,000	Grazing.
Morton.....	.....	.....	.....	319,755	458,000	Do.
Pawnee.....	.....	.....	.....	482,000	482,000	No vacant public land.
Pratt.....	505	505	.....	462,495	463,000	Broken, sandy.
Reno.....	.....	.....	.....	799,000	799,000	No vacant public land.
Rice.....	.....	.....	.....	453,000	453,000	Do.
Sedgwick.....	.....	.....	.....	645,000	645,000	Do.
Seward.....	71,675	71,675	.....	339,325	411,000	Grazing, part broken and sandy.
Stafford.....	.....	.....	.....	513,000	513,000	No vacant public land.
Stanton.....	57,015	57,015	.....	375,985	433,000	Grazing.
Stevens.....	53,150	53,150	.....	413,850	467,000	Do.
Sumner.....	.....	.....	.....	754,000	754,000	No vacant public land.
Total.....	639,378	639,378	4,460	15,515,462	16,159,000	
Allen.....	.....	.....	.....	322,000	322,000	Do.
Anderson.....	.....	.....	.....	367,000	367,000	Do.
Atchison.....	.....	.....	.....	279,000	279,000	Do.
Bourbon.....	.....	.....	.....	423,000	423,000	Do.
Brown.....	.....	.....	.....	371,000	371,000	Do.
Butler.....	.....	.....	.....	918,000	918,000	Do.
Chase.....	.....	.....	.....	334,000	334,000	Do.
Chautauqua.....	.....	.....	.....	410,000	410,000	Do.
Cherokee.....	.....	.....	.....	391,000	391,000	Do.
Clay.....	.....	.....	.....	412,000	412,000	Do.
Clond.....	.....	.....	.....	452,000	452,000	Do.
Coffey.....	.....	.....	.....	413,000	413,000	Do.
Cowley.....	.....	.....	.....	718,000	718,000	Do.
Crawford.....	.....	.....	.....	387,000	387,000	Do.
Dickinson.....	.....	.....	.....	536,000	536,000	Do.
Doniphan.....	.....	.....	.....	250,000	250,000	Do.
Donthaus.....	.....	.....	.....	291,000	291,000	Do.
Ellis.....	.....	.....	.....	410,000	410,000	Do.
Ellsworth.....	.....	.....	.....	454,000	454,000	Do.
Franklin.....	.....	.....	.....	370,000	370,000	Do.
Geary.....	.....	.....	23,595	238,405	262,000	Do.
Greenwood.....	.....	.....	.....	744,000	744,000	Do.
Jackson.....	.....	.....	92,160	344,840	437,000	Do.

Statement by States, Territories, and land districts, and also counties where practicable, showing the area of land unappropriated, etc.—Continued.

KANSAS—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
		<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	
Topeka	Jefferson .....	.....	.....	.....	.....	363,000	363,000	No vacant public land.
	Jewell .....	.....	.....	.....	.....	346,000	346,000	Do.
	Johnson .....	.....	.....	.....	.....	312,000	312,000	Do.
	Labette .....	.....	.....	.....	.....	408,000	308,000	Do.
	Leavenworth .....	.....	.....	.....	.....	286,000	286,000	Do.
	Lincoln .....	.....	.....	.....	.....	415,000	415,000	Do.
	Linn .....	.....	.....	.....	.....	383,000	383,000	Do.
	Lyon .....	.....	.....	.....	.....	532,000	532,000	Do.
	McPherson .....	.....	.....	.....	.....	436,000	436,000	Do.
	Marion .....	.....	.....	.....	.....	437,000	437,000	Do.
	Marshall .....	.....	.....	.....	.....	386,000	386,000	Do.
	May .....	.....	.....	.....	.....	381,000	381,000	Do.
	McIntosh .....	.....	.....	.....	.....	273,000	273,000	Do.
	Montgomery .....	.....	.....	.....	.....	406,000	406,000	Do.
	Morris .....	.....	.....	.....	.....	447,000	447,000	Do.
	Nemaha .....	.....	.....	.....	.....	463,000	463,000	Do.
	Neosho .....	.....	.....	.....	.....	366,000	366,000	Do.
	Osage .....	.....	.....	.....	.....	466,000	466,000	Do.
	Pottawatomie .....	.....	.....	.....	.....	460,000	460,000	Do.
	Republic .....	.....	.....	.....	.....	328,000	328,000	Do.
	Riley .....	.....	.....	.....	.....	459,000	459,000	Do.
Wakeeney	Russell .....	.....	.....	.....	.....	368,000	368,000	Do.
	Saline .....	.....	.....	.....	.....	573,000	573,000	Do.
	Shawnee .....	.....	.....	.....	.....	456,000	456,000	Do.
	Shawnee .....	.....	.....	.....	.....	352,000	352,000	Do.
	Washington .....	.....	.....	.....	.....	513,000	513,000	Do.
	Wilson .....	.....	.....	.....	.....	581,000	581,000	Do.
	Woodson .....	.....	.....	.....	.....	368,000	368,000	Do.
	Wyandotte .....	.....	.....	.....	.....	321,000	321,000	Do.
	Wyandotte .....	.....	.....	.....	.....	96,000	96,000	Do.
	Total .....	.....	.....	.....	115,755	22,258,245	22,374,000	
Wakeeney	Ellis	1,095	.....	1,095	.....	568,905	570,000	Broken.
	Gove	17,720	.....	17,720	.....	668,280	686,000	Agricultural.
	Graham .....	.....	.....	.....	.....	115,000	115,000	No vacant public land.
	Greeley	68,460	.....	68,460	.....	426,510	495,000	Agricultural.
	Lane	5,320	.....	5,320	.....	452,680	458,000	Do.

Logan.....	53,320	.....	53,320	.....	634,680	688,000	Do.
Ness.....	1,980	.....	1,980	.....	684,020	686,000	Do.
Rooks.....	40	.....	40	.....	114,960	115,000	Broken.
Rush.....	.....	.....	.....	.....	452,000	452,000	No vacant public land.
Scout.....	9,160	.....	9,160	.....	445,840	455,000	Agricultural.
Trego.....	640	.....	640	.....	569,360	570,000	Do.
Wallace.....	63,949	.....	63,949	.....	519,051	583,000	Do.
Wichita.....	4,100	.....	4,100	.....	451,620	455,720	Do.
Total.....	225,784	.....	225,784	.....	6,102,936	6,328,720	
Total in Kansas.....	947,642	.....	947,642	120,375	51,314,703	52,382,720	

LOUISIANA.

Natchitoches.....	The character of the land in this district is sandy and clay soil and timbered principally with pine.	
Bienville.....	5,727	16,500	22,227	98,567	285,234	406,028		
Bossier.....	9,183	.....	12,277	146,722	378,374	537,373	
Caddo.....	3,687	12,912	16,599	139,213	408,873	564,685		
Claborne.....	8,273	.....	8,273	36,915	277,179	322,367	
De Soto.....	1,042	8,633	9,675	65,299	478,216	553,190		
Grant.....	1,282	.....	1,282	13,703	45,141	60,126	
Natchitoches.....	13,488	7,550	21,038	245,802	503,047	769,977		
Rapides.....	1,200	.....	1,200	94,684	73,760	169,644	
Red River.....	797	7,787	8,584	85,299	151,182	245,065		
Sabine.....	9,351	.....	9,351	150,260	469,835	638,414	
Vernon.....	7,560	.....	7,560	211,786	377,014	596,360	
Webster.....	4,025	8,542	12,567	81,943	295,326	389,836		
Winn.....	1,160	.....	1,160	76,751	141,182	219,093	
Total.....	66,775	65,018	131,793	1,456,034	3,884,361	5,472,188		
New Orleans.....	No vacant public land.	
Acadia.....	92	.....	92	.....	413,908	414,000
Assumption.....	.....	.....	.....	.....	201,000	201,000
Avoyelles.....	55	.....	55	.....	317,945	318,000
Bienville.....	673	.....	673	.....	541,000	541,000
Calcasieu.....	1,312	.....	1,312	.....	132,327	133,000
Caldwell.....	.....	.....	.....	.....	2,291,688	2,293,000
Cameron.....	1,000	.....	1,000	12,400	349,000	349,000	
Catahoula.....	194	.....	1,000	.....	933,600	946,000
Claborne.....	.....	.....	194	.....	876,000	877,000
Concordia.....	135	.....	135	.....	168,806	169,000
East Baton Rouge.....	100	.....	135	.....	453,000	453,000
East Carroll.....	500	.....	100	.....	284,000	284,000
East Feliciana.....	4,152	.....	100	.....	259,865	260,000
Franklin.....	1,000	.....	500	.....	307,900	308,000
Grant.....	.....	.....	4,152	.....	388,500	389,000
Iberia.....	.....	.....	1,000	.....	368,848	373,000
Iberville.....	.....	.....	.....	.....	307,000	368,000
Jackson.....	.....	.....	.....	.....	417,000	417,000
	.....	.....	.....	.....	366,000	366,000

Statement by States, Territories, and land districts, and also counties where practicable, showing the area of land unappropriated, etc.—Continued.

LOUISIANA—Continued.

Land district.	Location.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
		<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	
New Orleans	Jefferson	1,760		1,760		282,240	284,000	Low, swampy.
	Lafayette					161,000	161,000	No vacant public land.
	Lafourche	160		160		652,840	653,000	Agricultural.
	Lincoln	1,150		1,150		307,850	309,000	Pine woods.
	Livingston					420,000	420,000	Hard woods.
	Madison					423,000	423,000	No vacant public land.
	Morehouse					531,000	531,000	Pine woods.
	Orleans					132,000	132,000	No vacant public land.
	Ouachita					397,000	397,000	Pine woods.
	Plaquemines	3,639		3,639		656,533	660,172	Ordinary farming and pine land.
	Pointe Coupee	95		95		376,905	377,000	Do.
	Rapides	4,328		4,328		729,672	734,000	Pine woods and agricultural.
	Richland					354,000	354,000	No vacant public land.
	St. Bernard	2,020		2,020		362,980	365,000	Farming and swampy.
	St. Charles					191,000	191,000	No vacant public land.
	St. Helena					268,000	268,000	Do.
	St. James					190,000	190,000	Do.
	St. John the Baptist					117,000	117,000	Do.
	St. Landry					1,073,000	1,073,000	Prairie and pine woods.
	St. Martin	348		348		314,632	315,000	Prairie land.
	St. Mary	85		85		407,915	408,000	Do.
	St. Tammany					577,000	577,000	Pine woods.
	Tangipahoa	595		595		497,405	498,000	Do.
	Tensas	117		117		394,883	395,000	Alluvial soil.
	Terrebonne	858		858		1,201,112	1,202,000	Low, swampy.
	Union	400		400		584,600	585,000	Pine woods and agricultural.
	Vermilion	300		300		816,700	817,000	Prairie land.
	Vernon	4,610		4,610		271,330	276,000	Pine woods.
	Washington	350		350		415,650	416,000	Pine woods and alluvial soil.
	West Baton Rouge					138,000	138,000	No vacant public land.
	West Carroll	70		70		241,000	241,000	Pine woods and alluvial soil.
	West Feliciana					227,930	228,000	Do.
	Winn	5,300		5,300		383,700	389,000	Do.
Total		35,398		35,398	12,400	23,535,374	23,583,172	
Total in Louisiana		102,173	65,018	167,191	1,468,434	27,419,735	29,055,360	

MICHIGAN.

Marquette.....	9,175	1,711	9,175	1,711	432,825	442,000	Light soil.
Alcona.....	9,175	1,711	9,175	1,711	585,566	599,000	Fair farming land.
Alger.....	3,071	3,071	3,071	3,071	363,929	368,000	No vacant public land.
Allegan.....	280	280	280	280	314,000	314,000	Fair farming land.
Alpena.....	1,244	1,244	1,244	1,244	232,756	234,000	Do.
Antrim.....	7,681	7,681	7,681	7,681	521,829	580,200	Good farming land.
Arenac.....	50,690	50,690	50,690	50,690	365,000	365,000	Timbered farming land.
Baraga.....	1,312	1,312	1,312	1,312	284,000	284,000	No vacant public land.
Barry.....	1,312	1,312	1,312	1,312	196,688	198,000	Do.
Bay.....	1,312	1,312	1,312	1,312	373,000	373,000	Good farming land.
Benzie.....	1,312	1,312	1,312	1,312	329,000	329,000	No vacant public land.
Berrien.....	1,312	1,312	1,312	1,312	455,000	455,000	Do.
Branch.....	1,312	1,312	1,312	1,312	320,000	320,000	Do.
Calhoun.....	1,312	1,312	1,312	1,312	275,362	277,000	Fair farming land.
Cass.....	1,638	1,638	1,638	1,638	513,000	513,000	Do.
Charlevoix.....	4,768	4,768	4,768	4,768	508,282	508,282	Timbered farming land.
Cheboygan.....	58,011	58,011	58,011	58,011	924,847	1,005,000	Fair farming land.
Chippewa.....	3,550	3,550	3,550	3,550	363,450	367,000	No vacant public land.
Clare.....	3,550	3,550	3,550	3,550	362,000	362,000	Do.
Clinton.....	22,339	22,339	22,339	22,339	345,661	368,000	Timbered farming land.
Crawford.....	46	46	46	46	744,262	755,000	Do.
Delta.....	10,692	10,692	10,692	10,692	498,509	501,000	No vacant public land.
Dickinson.....	2,491	2,491	2,491	2,491	362,000	362,000	Do.
Eaton.....	2,491	2,491	2,491	2,491	299,000	299,000	Do.
Emmet.....	2,491	2,491	2,491	2,491	419,000	419,000	Do.
Genesee.....	480	480	480	480	328,520	329,000	Light farming land.
Gladwin.....	350	350	350	350	729,650	729,000	Third-rate farming land.
Gogebic.....	1,200	1,200	1,200	1,200	298,800	300,000	Good farming land.
Grand Traverse.....	1,200	1,200	1,200	1,200	362,000	362,000	No vacant public land.
Gratiot.....	1,173	1,173	1,173	1,173	385,000	385,000	Do.
Hillsdale.....	1,173	1,173	1,173	1,173	661,739	663,000	Timbered farming land.
Houghton.....	1,173	1,173	1,173	1,173	542,000	542,000	No vacant public land.
Huron.....	1,173	1,173	1,173	1,173	364,000	364,000	Do.
Ingham.....	1,173	1,173	1,173	1,173	361,000	361,000	Do.
Ionia.....	37,778	37,778	37,778	37,778	316,222	354,000	Light farming land.
Iosco.....	6,978	6,978	6,978	6,978	764,022	771,000	Timbered, sandy loam.
Iron.....	6,978	6,978	6,978	6,978	366,000	366,000	No vacant public land.
Isabella.....	2,977	2,977	2,977	2,977	453,000	453,000	Do.
Jackson.....	2,977	2,977	2,977	2,977	366,000	366,000	Do.
Kalamazoo.....	2,977	2,977	2,977	2,977	364,023	367,000	Light soil; some timber.
Kalkaska.....	14,374	14,374	14,374	14,374	544,000	544,000	No vacant public land.
Keweenaw.....	2,782	2,782	2,782	2,782	343,626	358,000	Light soil; some timber.
Lake.....	2,782	2,782	2,782	2,782	363,165	367,000	Very light soil.
Lapeer.....	1,983	1,983	1,983	1,983	429,000	429,000	No vacant public land.
Leelanaw.....	1,983	1,983	1,983	1,983	223,017	225,000	Good farming land.
Lehiawee.....	1,983	1,983	1,983	1,983	477,000	477,000	No vacant public land.
Livingston.....	15,900	15,900	15,900	15,900	370,000	370,000	Do.
Luce.....	5,704	5,704	5,704	5,704	581,040	597,000	Fair farming land; some timber.
MacKinnac.....	5,704	5,704	5,704	5,704	638,142	668,000	Do.

Statement by States, Territories, and land districts, and also counties where practicable, showing the area of land unappropriated, etc.—Continued.

MICHIGAN—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
		<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	
Marquette	Macomb.....	1,448	.....	1,448	.....	296,000	296,000	No vacant public land.
	Manistee.....	26,112	.....	26,112	.....	350,552	350,552	Fair farming land.
	Marquette.....	3,268	.....	3,268	.....	1,165,888	1,165,888	Timbered farming land.
	Mason.....	329	.....	329	256	317,476	321,000	Fair farming land.
	Menominee.....	1,009	.....	1,009	.....	365,671	366,000	Do.
	Midland.....	.....	.....	.....	.....	666,991	668,000	Timbered farming land.
	Missaukee.....	2,880	.....	2,880	.....	336,000	336,000	No vacant public land.
	Monroe.....	.....	.....	.....	.....	357,120	360,000	Good farming land.
	Montcalm.....	20,631	.....	20,631	.....	367,000	367,000	No vacant public land.
	Montmorency.....	.....	.....	.....	.....	464,000	464,000	Do.
	Muskegon.....	.....	.....	.....	.....	331,369	352,000	Fair farming land.
	Newaygo.....	519	.....	519	.....	318,000	318,000	No vacant public land.
	Oakland.....	.....	.....	.....	.....	548,481	549,000	Fair farming land.
	Oceana.....	2,073	.....	2,073	.....	573,000	573,000	No vacant public land.
	Ogenaw.....	4,268	.....	4,268	.....	355,927	353,000	Good farming land.
	Oshtemo.....	2,834	.....	2,834	2,573	355,732	360,000	Do.
	Oshtemo.....	160	.....	160	.....	862,333	868,000	Timbered farming land.
	Oscoda.....	43,136	.....	43,136	.....	366,840	367,000	Good farming land.
	Oscoda.....	1,760	.....	1,760	.....	318,864	362,000	Mostly light soil.
	Otsego.....	.....	.....	.....	.....	338,240	340,000	Good farming land.
	Otsego.....	.....	.....	.....	.....	360,000	360,000	No vacant public land.
	Presque Isle.....	12,699	.....	12,699	.....	397,301	410,000	Fair farming land.
	Roscommon.....	.....	.....	.....	10,610	321,390	332,000	No vacant public land.
	Saginaw.....	.....	.....	.....	.....	520,000	520,000	Do.
	St. Clair.....	.....	.....	.....	.....	438,000	438,000	Do.
	St. Joseph.....	.....	.....	.....	.....	331,000	331,000	Do.
	Sanilac.....	.....	.....	.....	.....	619,000	619,000	Do.
	Schoolcraft.....	19,653	.....	19,653	.....	750,347	770,000	Fair farming land; some timber.
	Shiawassee.....	.....	.....	.....	.....	351,000	351,000	No vacant public land.
	Tuscola.....	.....	.....	.....	.....	530,000	530,000	Do.
	Van Buren.....	.....	.....	.....	.....	402,000	402,000	Do.
	Washtenaw.....	.....	.....	.....	.....	449,000	449,000	Do.
	Wayne.....	.....	.....	.....	.....	404,000	404,000	Do.
	Wexford.....	365	.....	365	.....	363,635	364,000	Good farming land.
Total in district and State.		340,507	.....	340,507	120,654	36,358,039	36,819,200	

MINNESOTA.

Class Lake	Beltrami	222,500	.....	222,500	.....	210,000	669,500	1,102,000	Timbered agricultural; swampy.
	Cass	8,000	.....	8,000	.....	411,200	328,600	747,800	Timber, brush, and swamp.
	H Hubbard	8,500	.....	8,500	.....	8,500	396,000	405,000	Timber and prairie.
	Itasca	47,750	.....	47,750	.....	163,000	1,110,000	1,327,200	Timbered agricultural; swampy.
	Total	278,750	.....	278,750	.....	798,700	2,504,550	3,582,000	
Crookston	Becker	200	.....	200	.....	279,000	598,800	878,000	Sandy, broken; some timber.
	Beltrami	352,000	.....	674,000	.....	138,000	290,000	1,102,000	Brush and timber; some swamp.
	Clay	440	.....	440	.....	.....	698,560	699,000	Timber, brush, and swamp.
	Clearwater	15,000	.....	15,000	.....	115,000	560,000	690,000	Brush, timber, and swamp.
	Kittson	120	.....	28,320	.....	.....	658,480	682,000	Good land; some swamp.
	Marshall	80,000	.....	80,000	.....	.....	1,000,000	1,114,000	Do.
	Norman	.....	.....	.....	.....	348,160	558,840	907,000	No vacant public land.
	Ortorial	.....	.....	.....	.....	.....	172,000	172,000	Do.
	Polk	4,000	.....	4,000	.....	.....	1,253,320	1,257,320	Level, low; some swamp.
	Red Lake	170,000	.....	170,000	.....	.....	489,680	659,680	Do.
	Roseau	322,000	.....	322,000	.....	.....	738,000	1,060,000	Brush land; some swamp.
	Total	943,760	.....	1,294,160	.....	880,160	7,012,680	9,217,000	
Duluth	Aitkin	2,000	.....	2,000	.....	1,960	311,040	315,000	Agricultural and timber.
	Carlton	320	.....	320	.....	43,000	498,680	542,000	Do.
	Cook	137,750	.....	184,633	.....	118,000	621,367	924,000	Timber, iron, nickel; light soil.
	Itasca	292,200	.....	519,355	.....	53,000	1,706,445	2,338,800	Largely timber; gold in north, with light soil; agricultural in south; iron belt in center, running east and west.
	Lake	126,000	.....	195,000	.....	385,000	688,000	1,268,000	Timber; light soil; iron.
	St. Louis	450,000	.....	640,790	.....	65,000	3,303,210	4,009,000	Iron, timber, and agricultural.
	Total	1,008,300	.....	1,542,098	.....	665,960	7,188,742	9,396,800	
St. Cloud	Aitkin	3,360	.....	3,360	.....	1,320	851,320	856,000	Timber and swamp.
	Anoka	.....	.....	.....	.....	.....	292,000	292,000	No vacant public land.
	Benton	.....	.....	.....	.....	.....	265,000	265,000	Do.
	Bigstone	.....	.....	.....	.....	.....	338,000	338,000	Do.
	Blue Earth	.....	.....	.....	.....	.....	186,000	186,000	Do.
	Brown	.....	.....	.....	.....	.....	386,000	386,000	Do.
	Carver	.....	.....	.....	.....	.....	239,000	239,000	Do.
	Chippewa	.....	.....	.....	.....	.....	386,000	386,000	Do.
	Cottonwood	.....	.....	.....	.....	.....	403,000	403,000	Do.
	Cass	4,680	.....	4,680	.....	.....	728,600	733,280	Timber, brush, and swamp.
	Chisago	.....	.....	.....	.....	.....	281,000	281,000	No vacant public land.
	Crow Wing	1,960	.....	1,960	.....	680	656,360	659,000	Timber, brush, and swamp.
	Dakota	.....	.....	.....	.....	.....	380,000	380,000	No vacant public land.
	Dodge	.....	.....	.....	.....	.....	282,000	282,000	Do.
	Douglas	.....	.....	.....	.....	.....	404,000	404,000	Do.
	Faribault	.....	.....	.....	.....	.....	462,000	462,000	Do.
	Fillmore	.....	.....	.....	.....	.....	552,000	552,000	Do.

Statement by States, Territories, and land districts, and also counties where practicable, showing the area of land unappropriated, etc.—Continued.

MINNESOTA—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
		<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	
St. Cloud	Freeborn					457,000	457,000	No vacant public land.
	Goodhue					498,000	498,000	Do.
	Grant					354,000	354,000	Do.
	Hennepin					371,000	371,000	Do.
	Houston					364,000	364,000	Do.
	Hubbard					203,000	203,000	Timber and prairie.
	Isanti	440		440		296,000	296,000	No vacant public land.
	Jackson					450,000	450,000	Do.
	Kanabec					348,000	348,000	Do.
	Kandiyohi					521,000	521,000	Do.
	Lac qui Parle					502,000	502,000	Do.
	Lesueur					293,000	293,000	Do.
	Lincoln					341,000	341,000	Do.
	Lyon					455,000	455,000	Do.
	McLeod					316,000	316,000	Do.
	Martin					450,000	450,000	Do.
	Meeker					387,000	387,000	Do.
	Mill lakes	160		160		375,840	376,000	Timber and brush.
	Morrison	240		240		732,760	733,000	Timber and prairie.
	Mower					448,000	448,000	No vacant public land.
	Murray					448,000	448,000	Do.
	Nicollet					291,000	291,000	Do.
	Nobles					453,000	453,000	Do.
	Olmsted					418,000	418,000	Do.
	Ottertall					1,141,000	1,144,000	Do.
	Pine	1,120		1,120		903,880	905,000	Timber, brush, and prairie.
	Pipestone					298,000	298,000	No vacant public land.
	Pope					442,000	442,000	Do.
	Ramsey					104,000	104,000	Do.
	Redwood					568,000	568,000	Do.
	Renville					632,000	632,000	Do.
	Rice					317,000	317,000	Do.
	Rock					306,000	306,000	Do.
	Sherburne					290,000	290,000	Do.
	Stearns					824,000	824,000	Do.
	Stevens					363,000	363,000	Do.
	Scott					226,000	226,000	Do.
	Sibley					372,000	372,000	Do.

Steele .....	.....	.....	.....	275,000	Do.
Swift .....	.....	.....	.....	482,000	Do.
Todd .....	.....	.....	.....	601,000	Do.
Traverse .....	.....	.....	.....	364,000	Do.
Wabasha .....	.....	.....	.....	348,000	Do.
Wadena	440	.....	.....	344,000	Timber and brush.
Waseca .....	.....	.....	.....	271,000	No vacant public land.
Washington .....	.....	.....	.....	256,000	Do.
Watsonwan .....	.....	.....	.....	281,000	Do.
Wilkin .....	.....	.....	.....	485,000	Do.
Winona .....	.....	.....	.....	398,000	Do.
Wright .....	.....	.....	.....	438,000	Do.
Yellow Medicine .....	.....	.....	.....	475,000	Do.
Total	12,400	.....	2,000	28,987,880	
Total in State	2,243,210	884,198	3,127,408	45,723,852	51,198,080

MISSISSIPPI.

Jackson .....	.....	.....	.....	259,000	No vacant public land.
Adams .....	.....	.....	.....	250,000	Do.
Alcorn .....	.....	.....	.....	432,000	Agricultural and timber lands.
Amite	2,000	.....	.....	456,200	Do.
Attala	1,800	.....	.....	260,000	No vacant public land.
Benton .....	.....	.....	.....	558,000	Do.
Bolivar .....	.....	.....	.....	373,000	Do.
Calhoun .....	.....	.....	.....	390,000	Do.
Carroll .....	.....	.....	.....	319,000	Agricultural and timber lands.
Chickasaw	600	.....	.....	262,400	No vacant public land.
Choctaw .....	.....	.....	.....	295,000	Agricultural and timber lands.
Chilborne .....	.....	.....	.....	434,800	No vacant public land.
Clarke	1,200	.....	.....	267,000	Do.
Clay .....	.....	.....	.....	333,000	Do.
Coaloma .....	.....	.....	.....	488,300	Agricultural and timber lands.
Copiah	240	.....	.....	380,000	No vacant public land.
Covington .....	.....	.....	.....	313,000	Do.
De Soto .....	.....	.....	.....	348,000	Agricultural and timber lands.
Franklin	7,000	.....	.....	537,820	Do.
Greene	6,180	.....	.....	283,960	Do.
Grenada	1,040	.....	.....	397,000	Do.
Hancock	7,000	.....	.....	649,760	No vacant public land.
Harrison	1,240	.....	.....	550,000	Do.
Hinds .....	.....	.....	.....	540,760	Do.
Holmes	240	.....	.....	261,120	Do.
Issaquena .....	.....	.....	.....	323,000	Do.
Itawamba	8,000	.....	.....	666,000	Agricultural and timber lands.
Jackson	640	.....	.....	424,360	Do.
Jasper .....	.....	.....	.....	326,000	No vacant public land.
Jefferson .....	.....	.....	.....	.....	.....

Statement by States, Territories, and land districts, and also counties where practicable, showing the area of land unappropriated, etc.—Continued.

MISSISSIPPI—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in this land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
		<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	
Jackson	Jones	740		740		442,260	443,000	No vacant public land.
	Kemper	2,000		2,000		476,000	478,000	Agricultural and timber lands.
	Lafayette					421,000	421,000	No vacant public land.
	Lamar					315,840	315,840	Do.
	Lauderdale	640		640		447,360	448,000	Agricultural and timber lands.
	Lawrence	160		160		416,840	417,000	Do.
	Leake	4,000		4,000		366,000	370,000	Do.
	Lee					290,000	290,000	No vacant public land.
	Leflore					372,000	372,000	Do.
	Lincoln					367,000	367,000	Do.
	Lowndes					318,000	318,000	Do.
	Madison					466,000	466,000	Do.
	Marion					419,960	419,960	Agricultural and timber lands.
	Marshall					445,000	445,000	No vacant public land.
	Monroe	2,700		2,700		487,300	490,000	Agricultural and timber lands.
	Montgomery	1,640		1,640		262,000	262,000	Do.
	Neshoba	6,000		6,000		354,000	360,000	Do.
	Newton	1,640		1,640		360,360	362,000	Do.
	Noxubee	1,000		1,000		433,000	434,000	Do.
	Oktibbeha					287,000	287,000	No vacant public land.
	Panola					443,000	443,000	Do.
	Pearl River					415,200	415,200	Agricultural and timber lands.
	Perry					707,000	707,000	Do.
	Pike					456,000	456,000	No vacant public land.
	Pontotoc					314,000	314,000	Do.
	Prentiss					260,000	260,000	Do.
	Quitman					256,000	256,000	Do.
	Rankin	80		80		497,920	498,000	Do.
	Scott	3,000		3,000		378,000	381,000	Farming and timber land.
	Sharkey					281,000	281,000	No vacant public land.
	Simpson					373,000	373,000	Do.
	Smith					398,000	398,000	Do.
	Snodgrass					444,000	444,000	Do.
	Tallahatchie	1,000		1,000		401,000	405,000	Agricultural and timber lands.
	Tate					260,000	260,000	No vacant public land.
	Tippah					289,000	289,000	Do.
	Tishomingo					275,000	275,000	Do.
	Tunica					266,000	266,000	Do.

Union.....				268,000	Do.
Warren.....				365,000	Do.
Washington.....				565,000	Do.
Wayne.....	4,160			505,840	Agricultural and timber lands.
Webster.....	700			268,000	Do.
Wilkinson.....	15,000			407,000	Do.
Winston.....	10,000			376,000	Do.
Yalobusha.....	340			316,660	Do.
Yazoo.....	440			667,560	Agricultural and timber lands.
Total in district and State.	92,420		92,420	29,592,700	
				29,685,120	

MISSOURI.

Boonville.....					
Adair.....				367,000	No vacant public land.
Andrew.....				277,000	Do.
Atchison.....				345,000	Do.
Audrain.....				439,000	Do.
Bates.....				552,000	Do.
Benton.....	1,240			473,750	Broken timber land.
Boone.....				440,000	No vacant public land.
Buchanan.....				263,000	Do.
Caldwell.....				270,000	Do.
Callaway.....				517,000	Do.
Camden.....	11,740			437,000	Broken timber land.
Carroll.....				443,000	No vacant public land.
Cass.....				456,000	Do.
Cedar.....				128,000	Broken timber land.
Chariton.....				190,000	No vacant public land.
Clark.....				323,000	Do.
Clay.....				254,000	Do.
Clinton.....				267,000	Do.
Cole.....				250,000	Do.
Cooper.....				357,000	Do.
Crawford.....	240			252,000	Broken land.
Dallas.....	7,840			129,130	Timber land.
Davies.....				357,000	No vacant public land.
Dekalb.....				270,000	Do.
Franklin.....				567,000	Do.
Gasconade.....				330,000	Do.
Geney.....				313,000	Do.
Grundy.....				274,000	Do.
Harrison.....				468,000	Do.
Henry.....				474,000	Do.
Hickory.....	2,000			253,000	Broken timber land.
Holt.....				289,000	No vacant public land.
Howard.....				291,000	Do.

Statement by States, Territories, and land districts, and also counties where practicable, showing the area of land unappropriated, etc.—Continued.

MISSOURI—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
		<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	
Boonville.....	Jackson.....	.....	.....	.....	.....	330,000	330,000	No vacant public land.
	Jefferson.....	.....	.....	.....	.....	423,000	423,000	Do.
	Johnson.....	.....	.....	.....	.....	523,000	523,000	Do.
	Knox.....	.....	.....	.....	.....	330,000	330,000	Do.
	Laclede.....	6,880	.....	6,880	.....	133,120	130,000	Timber land.
	Lafayette.....	.....	.....	.....	.....	333,000	333,000	No vacant public land.
	Lewis.....	.....	.....	.....	.....	322,000	322,000	Do.
	Linn.....	.....	.....	.....	.....	389,000	389,000	Do.
	Linn.....	.....	.....	.....	.....	394,000	394,000	Do.
	Livingson.....	.....	.....	.....	.....	333,000	333,000	Do.
	Macon.....	.....	.....	.....	.....	519,000	519,000	Do.
	Marion.....	1,920	.....	1,920	.....	331,080	333,000	Broken timber land.
	Marion.....	.....	.....	.....	.....	278,000	278,000	No vacant public land.
	Mercer.....	.....	.....	.....	.....	294,000	294,000	Do.
	Miller.....	.....	.....	.....	.....	377,880	380,000	Timber lands, broken.
	Monticau.....	2,120	.....	2,120	.....	261,000	261,000	No vacant public land.
	Montgomery.....	.....	.....	.....	.....	424,000	424,000	Do.
	Monroe.....	.....	.....	.....	.....	331,000	331,000	Do.
	Morgan.....	.....	.....	.....	.....	331,000	331,000	Do.
	Nodaway.....	.....	.....	.....	.....	563,000	563,000	Do.
	Osage.....	.....	.....	.....	.....	380,000	380,000	Do.
	Pettis.....	.....	.....	.....	.....	438,000	438,000	Do.
	Phelps.....	1,480	.....	1,480	.....	108,520	110,000	Broken timber land.
	Pike.....	.....	.....	.....	.....	411,000	411,000	No vacant public land.
	Platte.....	.....	.....	.....	.....	256,000	256,000	Do.
	Polk.....	80	.....	80	.....	79,920	80,000	Broken timber land.
	Pulaski.....	11,280	.....	11,280	.....	231,720	243,000	Do.
	Putnam.....	.....	.....	.....	.....	331,000	331,000	No vacant public land.
	Rails.....	.....	.....	.....	.....	301,000	311,000	Do.
	Randolph.....	.....	.....	.....	.....	311,000	311,000	Do.
	Ray.....	.....	.....	.....	.....	353,000	353,000	Do.
	St. Charles.....	.....	.....	.....	.....	338,000	338,000	Do.
	St. Clair.....	.....	.....	.....	.....	441,720	443,000	Broken timber land.
	St. Francois.....	1,280	.....	1,280	.....	50,000	50,000	No vacant public land.
	St. Genevieve.....	.....	.....	.....	.....	92,000	92,000	Do.
	St. Louis.....	.....	.....	.....	.....	322,280	322,280	Do.
	St. Louis City.....	.....	.....	.....	.....	30,720	30,720	Do.
	Saline.....	.....	.....	.....	.....	482,000	482,000	Do.

Schuyler	203,000	203,000	203,000	Do.
Scotland	282,000	282,000	282,000	Do.
Shelby	325,000	325,000	325,000	Do.
Sullivan	418,000	418,000	418,000	Do.
Vernon	377,000	377,000	377,000	Do.
Warren	266,000	266,000	266,000	Do.
Washington	228,720	228,720	228,720	Broken timber land.
Worth	169,000	169,000	169,000	No vacant public land.
Total	48,380	26,252,620	26,301,000	
Bollinger	1,160	383,840	385,000	Broken lands.
Butler	640	444,360	445,000	Low level lands.
Cape Girardeau	680	368,000	368,000	No vacant public land.
Carter	1,360	320,320	321,000	Timbered land.
Crawford	3,730	221,640	223,000	Do.
Daviess	3,730	473,270	477,000	Do.
Dunklin	3,610	338,000	338,000	No vacant public land.
Howell	6,560	576,380	580,000	Rolling.
Iron	4,790	340,440	347,000	Timbered; hilly.
Madison	4,790	311,210	316,000	Do.
Mississippi	5,160	269,000	269,000	No vacant public land.
New Madrid	5,160	422,000	422,000	Do.
Oregon	420	485,840	491,000	Broken.
Pemiscot	8,540	310,000	310,000	No vacant public land.
Perry	3,200	291,580	292,000	Broken.
Phelps	5,510	302,460	311,000	Do.
Pulaski	3,660	43,800	47,000	Do.
Reynolds	240	522,490	528,000	Timbered.
Ripley	1,570	395,340	399,000	Broken.
St. Francois	4,350	243,760	244,000	Do.
Scott	12,320	217,430	219,000	Do.
Shannon	3,200	266,000	266,000	No vacant public land.
Stoddard	3,621	621,650	623,000	Hilly and timbered.
Texas	3,621	526,000	526,000	No vacant public land.
Washington	8,200	503,680	516,000	Rolling.
Wayne	8,200	244,610	245,000	Broken.
Total	71,090	482,800	486,000	Do.
Barry	5,062	9,925,910	9,997,000	Broken timber land.
Barton	600	490,338	496,000	No vacant public land.
Cedar	600	377,000	377,000	Do.
Christian	1,353	183,000	183,000	Broken timber land.
Dade	3,621	336,400	337,000	No vacant public land.
Dallas	1,353	320,000	320,000	Hilly farm land.
Douglas	3,621	206,647	208,000	Hilly.
Greene	1,723	439,379	503,000	No vacant public land.
Jasper	1,723	426,000	426,000	Do.
Laclede	1,723	405,000	405,000	Broken timber land.
Lawrence	1,723	328,277	330,000	No vacant public land.
Total	71,090	385,000	385,000	

Ironton.....

Springfield

Statement by States, Territories, and land districts, and also counties where practicable, showing the area of land unappropriated, etc.—Continued.

MISSOURI—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
		<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	
Springfield	McDonald.....	2,715	.....	2,715	.....	332,285	335,000	Broken timber land.
	Newton.....	.....	.....	.....	.....	390,000	390,000	No vacant public land.
	Ozark.....	43,385	.....	43,385	.....	437,615	481,000	Timbered, hills and valleys.
	Polk.....	.....	.....	.....	.....	335,000	335,000	No vacant public land.
	Pulaski.....	1,366	.....	1,366	.....	51,634	53,000	Timber land, hills, and valleys.
	Stone.....	3,538	.....	3,538	.....	318,402	322,000	Broken timber land.
	Taney.....	9,875	.....	9,875	.....	411,125	417,000	Timber land, hills, and valleys.
	Texas.....	1,379	.....	1,379	.....	209,621	211,000	Hilly farm land.
	Vernon.....	.....	.....	.....	.....	153,000	153,000	No vacant public land.
	Webster.....	.....	.....	.....	.....	373,000	373,000	Broken timber land.
	Wright.....	1,594	.....	1,594	.....	430,246	431,840	Hilly farm land.
Total		72,211	.....	72,211	.....	7,425,629	7,497,840	
Total in Missouri.....		191,681	.....	191,681	.....	43,604,159	43,795,840	

MONTANA.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
		<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	
Bozeman	Broadwater	37,575	32,000	69,575	.....	66,425	136,000	Principally arid.
	Carbon	582,835	97,265	680,100	568,373	267,527	1,525,000	One-third good farming land, two-thirds mountainous.
	Crow Reservation .....	.....	.....	.....	312,000	.....	312,000	No vacant public land.
	Gallatin	106,158	193,641	359,799	161,280	1,075,921	1,597,000	One-fourth good farming land, three-fourths mountainous.
	Jefferson	53,773	20,218	73,991	.....	73,009	117,000	Principally arid.
	Madison.....	391,108	213,543	604,651	.....	301,979	1,269,040	One-fourth arid, three-fourths mountainous.
	Park.....	168,432	681,160	849,592	393,489	484,919	1,728,000	One-third good farming land, two-thirds arid and mountainous.
	Sweet Grass	478,156	192,217	670,373	349,768	494,859	1,515,000	Grazing and mountainous.
	Yellowstone	184,481	177,968	362,449	.....	774,561	1,137,000	Arid and mountainous.
	Total	2,002,518	1,608,012	3,670,530	2,147,320	3,548,190	9,366,040	
Great Falls	Cascade	497,826	138,452	636,278	82,410	1,013,312	1,732,000	Grazing and agricultural.
	Choteau	3,796,108	2,672,218	6,468,386	2,369,860	1,308,754	10,147,000	Do.

Helena	Fergus.....	9,425	13,398	22,823	.....	2,177	25,000	Grazing.
	Lewis and Clarke.....	16,078	14,557	30,635	.....	39,685	70,320	Mountains and agricultural.
	Teton.....	1,591,713	66,630	1,658,343	16,190	838,747	2,513,280	Agricultural and grazing.
	Valley.....	1,222,292	4,478,165	5,700,457	2,382,920	366,623	8,450,000	Do.
Kalispell	Total.....	7,133,502	7,383,420	14,516,922	4,851,380	3,569,298	22,937,600	Mountains and grazing.
	Beaverhead.....	346,956	1,397,403	1,744,359	20,300	378,341	2,143,000	Mountainous and agricultural.
	Broadwater.....	121,645	89,181	210,826	254,330	174,784	640,000	Grazing and agricultural.
	Cascade.....	12,419	19,320	31,739	338,420	23,841	414,000	Mountainous, some agricultural.
	Flathead.....	74,728	213,283	288,021	226,000	144,979	433,000	Valleys, mountains, timber, grazing.
	Gallatin.....	126,834	317,787	444,621	56,240	5,760	62,000	Mountains.
	Granite.....	53,615	538,390	592,005	5,750	51,629	502,000	Do.
	Jefferson.....	778,755	440,909	1,219,664	123,340	172,155	887,500	Mountainous, grazing, agricultural.
	Madison.....	372,613	529,208	901,821	844,700	601,827	2,666,191	Do.
	Meagher.....	183,291	87,540	270,831	361,280	331,899	1,595,000	Do.
	Park.....	1,400	34,800	36,200	725,810	674,859	1,671,500	Do.
	Powell.....	57,294	514,956	572,250	11,500	10,300	58,000	Do.
	Silverbow.....	127,218	256,405	383,623	318,230	315,320	1,206,000	Mountainous, some agricultural.
	Sweet Grass.....	1,957	11,060	13,017	.....	102,077	485,700	Do.
	Teton.....	27,860	88,320	116,180	21,100	11,883	46,000	Do.
	Total.....	2,286,585	4,538,572	6,825,157	5,632,200	32,900	1,854,220	Do.
Lewisdown	Flathead.....	194,771	2,845,407	304,178	526,695	3,032,754	14,890,111	Valleys, mountains, timber, grazing.
	Missoula.....	.....	91,000	91,000	.....	2,002,416	5,569,289	Timbered valleys and mountains.
	Teton.....	.....	640,500	640,500	70,000	.....	91,000	Subject to location and entry under the mineral laws only.
	Total.....	194,771	3,576,907	3,771,678	596,695	2,002,416	6,370,789	Broken grazing.
Miles City	Choteau.....	5,828	18,694	24,792	.....	162,208	187,000	Do.
	Dawson.....	231,029	414,893	645,922	15,360	53,218	714,500	Grazing, farming, timber, and mountainous.
	Fergus.....	2,100,779	1,897,788	3,998,567	236,411	1,458,022	5,713,000	Farming and grazing.
	Meagher.....	268,992	69,591	338,583	39,187	230,230	608,000	Broken grazing.
	Rosebud.....	34,765	201,744	236,509	1,280	14,711	252,500	Farming and grazing.
	Sweet Grass.....	102,313	56,392	158,705	15,360	161,935	336,000	Do.
Miles City	Yellowstone.....	204,483	120,521	325,004	24,320	210,676	560,000	Grazing.
	Total.....	2,948,189	2,779,893	5,728,082	351,918	2,291,000	8,371,000	Mountainous.
	Carbon.....	.....	70,000	70,000	.....	.....	70,000	No vacant public land.
	Crow Reservation.....	1,276,311	5,526,903	6,803,214	64,000	1,333,186	8,200,400	Grazing and agricultural.
	Dawson.....	825,279	6,140,008	6,965,287	.....	743,273	7,708,560	Do.
	Rosebud.....	1,108,346	1,936,254	3,064,600	482,400	321,000	3,868,600	Do.
Miles City	Yellowstone.....	138,595	454,020	592,615	.....	63,385	656,000	Do.
	Total.....	3,348,531	14,147,185	17,495,716	3,612,400	2,461,444	23,569,560	.....

Statement by States, Territories, and land districts, and also counties where practicable, showing the area of land unappropriated, etc.—Continued.

MONTANA—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
Missoula.....	Beaverhead.....	<i>Acres.</i> 39,786	<i>Acres.</i> 528,064	<i>Acres.</i> 567,850	<i>Acres.</i>	<i>Acres.</i> 487,150	<i>Acres.</i> 755,000	Arid and grazing.
	Flathead.....	14,088	52,148	66,236	.....	2,812	64,048	Mountains, timber, mineral.
	Granite.....	46,399	418,948	465,347	.....	38,653	504,000	Do.
	Missoula.....	274,697	2,354,975	2,629,672	.....	926,947	4,889,952	Small valleys, mountains, timber, and mineral.
	Powell.....	21,686	19,320	41,006	.....	26,494	67,500	Mountains, timber, grazing, mineral.
	Ravalli.....	38,271	629,468	667,739	.....	434,561	1,793,500	Do.
	Silverbow.....	.....	9,500	9,500	.....	.....	9,500	Mountainous, mineral.
	Total.....	434,927	4,012,423	4,447,350	.....	1,616,617	8,088,500	
	Total in Montana.....	18,409,023	38,046,412	56,455,435	.....	18,521,719	93,593,600	

NEBRASKA.

Alliance.....	Boxbutte.....	44,692	.....	44,692	.....	642,308	687,000	Level prairie.
	Cheyenne.....	277,141	.....	277,141	.....	128,859	406,000	Sand hills.
	Dawes.....	134,500	.....	134,500	.....	757,390	900,000	Table and broken timber.
	Deuel.....	512,096	.....	512,096	8,110	102,904	615,000	Sand hills.
	Scotts Bluff.....	121,100	.....	121,100	.....	263,900	385,000	Prairie and sandy.
	Sheridan.....	443,951	11,974	455,925	560	1,122,555	1,579,000	Prairie, table, and sand hills.
	Sioux.....	851,272	.....	851,272	11,158	454,570	1,317,000	Sandy and rough timber.
	Total.....	2,384,732	11,974	2,396,706	19,828	3,472,466	5,889,000	
Brokenbow.....	Blaine.....	129,726	.....	129,726	.....	316,314	456,900	Grazing, sandy.
	Brown.....	125,056	.....	125,056	9,960	.....	182,000	Do.
	Cherry.....	477,802	.....	477,802	.....	259,198	737,000	Do.
	Custer.....	49,200	.....	49,200	.....	821,000	.....	Do.
	Grant.....	167,201	.....	167,201	114,560	174,239	456,000	Do.
	Hooker.....	299,919	.....	299,919	.....	157,081	457,000	Do.
	Logan.....	123,623	.....	123,623	.....	149,377	273,000	Do.
	McPherson.....	272,601	.....	272,601	107,520	.....	502,000	Do.
	Thomas.....	197,751	.....	197,751	81,280	176,969	456,000	Do.
	Total.....	1,842,879	.....	1,842,879	313,320	2,183,801	4,340,000	

Statement by States, Territories, and land districts, and also counties where practicable, showing the area of land unappropriated, etc.—Continued.

NEBRASKA—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
McCook	Redwillow	<i>Acres.</i> 100	<i>Acres.</i>	<i>Acres.</i> 100	<i>Acres.</i>	<i>Acres.</i> 457,900	<i>Acres.</i> 458,000	Broken and grazing lands.
	Webster					366,000	366,000	No vacant public land.
	Total	132,749		132,749		5,740,251	5,873,000	
North Platte	Custer	5,296		5,296		400,704	466,000	Broken.
	Dawson	31		31		446,969	447,000	Do.
	Frontier	40		40		92,960	93,000	No vacant public land.
	Gosper					138,000	138,000	Do.
	Keith	108,929		108,929		493,071	602,000	Grazing.
	Lincoln	130,718		130,718		1,502,000	1,633,000	Broken and grazing.
	Logan	25,262		25,262		67,738	93,000	Grazing, broken, and sandy.
	McPherson	280,956		280,956		110,365	507,000	Grazing and sandy.
	Perkins	6,006		6,006		555,994	562,000	Do.
	Total	557,238		557,238	115,679	3,868,083	4,541,000	
O'Neill	Antelope					548,000	548,000	No vacant public land.
	Boone	1,500		1,500		132,500	134,000	Sandy, grazing.
	Boyd	1,440		1,440		341,500	343,000	Rough land.
	Brown	6,160		6,160		1,840	8,000	Sandy.
	Burt					299,000	299,000	No vacant public land.
	Cedar					472,000	472,000	Do.
	Cuming					368,000	368,000	Do.
	Dakota					154,000	154,000	Do.
	Dixon					292,000	292,000	Do.
	Dodge					348,000	348,000	Do.
	Douglas					212,000	212,000	Do.
	Garfield	101,000		101,000		207,000	368,000	Sandy and broken.
	Holt	114,945		114,945		1,431,655	1,546,000	Do.
	Keyapa	180		180		49,820	50,000	Broken.
	Knox	200		200		710,800	711,000	Do.
	Loup	182,510		182,510		185,490	368,000	Sandy and broken.
	Madison					366,000	366,000	No vacant public land.
	Pierce					366,000	366,000	Do.
	Rock	48,740		48,740		35,260	84,000	Sandy.

Sarpy .....	.....	.....	.....	.....	.....	141,000	141,000	No vacant public land.
Stanton .....	.....	.....	.....	.....	.....	274,000	274,000	Do.
Thurston .....	.....	.....	.....	.....	.....	245,000	245,000	Do.
Washington .....	.....	.....	.....	.....	.....	236,000	236,000	Do.
Wayne .....	.....	.....	.....	.....	.....	284,000	284,000	Do.
Wheeler .....	.....	.....	.....	.....	.....	271,100	368,000	Sandy, grazing.
Total	553,575	.....	.....	.....	.....	8,081,425	8,635,000	
Banner	20,236	.....	.....	.....	.....	446,964	469,000	Grazing.
Cheyenne	129,906	.....	.....	1,800	.....	1,130,054	1,261,000	Do.
Deuel	76,021	.....	.....	1,040	.....	665,979	742,000	Do.
Keith	9,597	.....	.....	.....	.....	71,403	81,000	Do.
Kimball	59,852	.....	.....	.....	.....	548,148	608,000	Do.
McPherson .....	.....	.....	.....	.....	.....	28,000	28,000	No vacant public land.
Perkins .....	.....	.....	.....	.....	.....	12,000	12,000	Do.
Scotts Bluff	12,166	.....	.....	.....	.....	55,834	68,000	Grazing.
Total	307,778	.....	.....	2,840	.....	2,958,382	3,269,000	
Brown	247,402	.....	.....	.....	.....	317,598	535,000	Rough, grazing, and small valleys.
Cherry	1,649,614	.....	.....	.....	.....	1,300,198	3,127,000	Do.
Keyapaha	3,742	.....	.....	.....	.....	449,258	453,000	Do.
Rock	142,413	.....	.....	.....	.....	413,587	556,000	Do.
Total	2,043,171	.....	.....	.....	.....	2,510,641	4,731,000	
Total in Nebraska	7,822,789	.....	.....	.....	.....	40,673,662	49,137,280	

NEVADA.

Carson City .....	.....	.....	.....	.....	.....	103,224	3,151,500	Mountainous, arid grazing land, little timber.
Churchill .....	.....	.....	.....	.....	.....	264,594	577,500	Do.
Douglas	249,945	.....	.....	.....	.....	865,836	11,055,500	Do.
Elko	6,422,693	.....	.....	.....	.....	71,973	5,589,000	Do.
Esmeralda	2,936,996	.....	.....	.....	.....	78,017	2,684,500	Mountainous, arid grazing land, no timber.
Eureka	864,419	.....	.....	.....	.....	457,062	10,406,000	Do.
Humboldt	3,590,821	.....	.....	.....	.....	100,088	3,493,000	Do.
Lander	1,170,423	.....	.....	.....	.....	375,710	11,802,000	Do.
Lincoln	5,589,555	.....	.....	.....	.....	110,532	849,500	Do.
Lyons	220,770	.....	.....	.....	.....	119,522	11,171,500	Mountainous, arid grazing land, little timber.
Nye	4,294,752	.....	.....	.....	.....	72,128	82,500	Mountainous, arid grazing land, second growth.
Ormsby	8,452	.....	.....	.....	.....	4,916	174,000	Mountainous, arid grazing land, no timber.
Storey	51,129	.....	.....	.....	.....	.....	.....

^a Withdrawn from entry, etc., by Commissioner's letter "R," March 24, 1902. Proposed North Platte Forest Reserve.

Statement by States, Territories, and land districts, and also counties where practicable, showing the area of land unappropriated, etc.—Continued.

NEVADA—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
Carson City.....	Washoe.....	<i>Acres.</i> 1, 243, 180 2, 957, 840	<i>Acres.</i> 1, 297, 297 2, 605, 810	<i>Acres.</i> 2, 540, 477 5, 563, 650	<i>Acres.</i> 716, 964	<i>Acres.</i> 348, 559 130, 490	<i>Acres.</i> 3, 606, 000 5, 694, 140	Mountainous, arid grazing land, second growth. Mountainous, arid grazing land, little timber.
	Total in district and State.	30, 833, 050	30, 417, 530	61, 250, 580	5, 983, 409	3, 102, 651	70, 336, 640	
NEW MEXICO.								
Clayton	Colfax.....	410, 163	.....	410, 163	.....	219, 837	630, 000	Arid, broken, and grazing.
	Leonard Wood	153, 892	38, 741	192, 633	64, 506	242, 283	499, 422	Grazing and broken.
	Mora	297, 046	.....	297, 046	.....	41, 954	339, 000	Grazing mostly, some broken.
Las Cruces	Quay	1, 436, 976	40, 620	1, 477, 596	.....	317, 674	1, 795, 270	Grazing and broken.
	Roosevelt	710, 676	13, 360	724, 036	35, 336	164, 550	923, 722	Do.
	San Miguel	717, 193	.....	717, 193	.....	78, 807	796, 000	Grazing.
	Union	2, 854, 064	322, 743	3, 176, 807	.....	686, 779	3, 863, 586	Grazing and broken.
	Total	6, 580, 010	415, 464	6, 995, 474	99, 842	1, 751, 684	8, 847, 000	
Roswell	Donna Ana	1, 409, 089	528, 317	1, 937, 406	359, 968	149, 596	2, 447, 000	Grazing, mountainous.
	Grant	3, 074, 192	890, 682	3, 924, 874	129, 524	809, 602	4, 864, 000	Mountainous, some plains for grazing.
	Luna	1, 053, 846	616, 000	1, 669, 846	.....	46, 154	1, 716, 000	Grazing lands.
	Otero	1, 316, 015	1, 167, 860	2, 483, 875	64, 845	183, 280	2, 732, 000	Mountainous and broken.
	Sierra	1, 426, 487	274, 379	1, 700, 866	152, 415	119, 719	1, 973, 000	Mountainous, grazing.
	Socorro	4, 914, 506	1, 985, 118	6, 899, 624	480, 488	157, 888	7, 538, 000	Mountainous, table-lands for grazing.
	Total	13, 194, 135	5, 422, 386	18, 616, 521	1, 187, 240	1, 466, 239	21, 270, 000	
Roswell	Chaves	3, 241, 427	2, 016, 673	5, 258, 100	7, 223	1, 908, 277	6, 273, 600	Grazing, rolling prairie.
	Eddy	1, 606, 290	2, 229, 701	3, 835, 991	6, 300	477, 709	4, 320, 000	Mostly prairie, some timber in mountains.
	Leonard Wood	50, 432	.....	50, 432	.....	3, 840	54, 272	Undulating, grazing prairie.
	Lincoln	1, 998, 374	110, 670	2, 109, 044	563, 620	503, 336	3, 176, 000	Do.

Otero	45,244	1,377,549	1,422,793	208,440	20,767	1,652,000	Grazing land.
Roosevelt	772,795	76,320	849,113	118,860	287,425	1,235,400	Do.
Valencia	102,938		102,938		9,000	111,938	
Total	7,817,500	5,810,913	13,628,413	904,443	2,310,354	16,843,210	
Santa Fe							
Bernalillo	263,917	147,000	410,917		564,083	975,000	Mountainous, timber, and grazing.
Colfax	110,463	23,040	133,500		1,664,503	1,798,000	Mountainous, grazing.
Leonard Wood	1,328,922	8,950	1,337,872		606,703	1,944,575	Grazing and agricultural.
McKinley	833,164	57,252	890,416		1,366,008	3,255,940	Mountainous and grazing.
Mora	338,452	82,670	421,122		827,878	1,249,000	Do.
Rio Arriba	1,525,366	728,167	2,253,533		1,165,306	4,259,000	Do.
Sundoval	531,796	243,680	775,476		1,076,967	2,306,250	Do.
San Juan	1,001,040	480,280	1,481,320		1,958,400	3,697,000	Grazing and agricultural.
San Miguel	793,668	43,102	836,770		292,550	2,381,000	Do.
Santa Fe	555,070	30,624	585,694		596,236	1,370,830	Mountainous and grazing.
Socorro	1,175,867	70,192	1,246,059		901,941	2,148,000	Do.
Taos	318,677	301,336	620,013		730,056	1,470,000	Do.
Valencia	1,755,562	263,678	2,019,240		2,243,441	4,663,985	Grazing and agricultural.
Total	10,531,961	2,479,971	13,011,932	5,164,579	13,292,079	31,468,590	
Total in New Mexico.	38,123,606	14,128,734	52,252,340	7,356,104	18,820,356	78,428,800	

NORTH DAKOTA.

Bismarck							
Billings	757,026	2,328,757	3,085,783		505,717	3,591,500	Agricultural and grazing.
Burlingh	43,240		43,240		1,009,760	1,053,000	Do.
Eddy					23,000	23,000	Do.
Emmons	103,980		103,980		873,020	977,000	Do.
Foster	520		520		68,480	69,000	Do.
Kidder	113,060		113,060		779,940	893,000	Do.
Logan	92,280		92,280		645,720	638,000	Do.
McIntosh	99,930		99,930		526,070	626,000	Do.
McLean	393,460		393,460		938,540	1,332,000	Do.
McLeer	301,185		791,865		368,015	1,159,880	Do.
Morton	1,036,994	490,680	1,036,994		1,045,006	3,012,000	Do.
Oliver	48,560		18,560		405,440	454,000	Do.
Stark	1,544,560	395,599	1,940,159		1,082,961	3,023,120	Do.
Stutsman	172,280		172,280		368,720	541,000	Do.
Wells	108,030		108,030		444,970	553,000	Do.
Total	4,845,105	3,215,036	8,060,141	930,000	8,985,359	17,945,500	
Devils Lake							
Benson	4,300		4,300		669,700	812,000	Prairie, farming.
Bottineau	2,760		2,760		728,240	731,000	Prairie, some timber.
Cavalier					119,500	119,500	Prairie, farming.
Eddy	300		300		165,180	184,000	Do.
McHenry	45,760		45,760		1,108,740	1,214,500	Do.

Statement by States, Territories, and land districts, and also counties where practicable, showing the area of land unappropriated, etc.—Continued.

NORTH DAKOTA—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
Devils Lake	McLean	Acre.	Acre.	Acre.	Acre.	Acre.	Acre.	Grazing and farming.
	Pierce	80,000		80,000		242,000	322,000	Do.
	Ramsey	10,500		10,500		666,500	677,000	Prairie, farming.
	Rollette	2,000		2,000		238,360	239,000	Farming, brush, and timber.
	Towner	360		360	46,080	549,920	598,000	Farming.
Fargo	Wells	800		800		664,640	665,000	Do.
	Total	147,420		147,420	202,600	275,200	276,000	
	Barnes				53,760	904,640	958,000	Farming and grazing lands.
	Cass	600		600	72,720	1,051,280	1,294,000	No vacant public land.
	Dickey				40,960	666,040	793,000	Farming and grazing lands.
Grand Forks	Eddy	26,000		26,000	6,400	108,380	115,500	Do.
	Foster	720		720	19,200	323,320	343,000	Do.
	Griggs	480		480	25,600	431,400	458,000	Do.
	Lamoure	1,000		1,000	40,960	695,040	737,000	Do.
	Ransom	1,800		1,800	30,720	520,480	532,000	Do.
	Richardson	1,200		1,200	48,640	883,160	933,000	Do.
	Sargent	400		400	30,720	522,880	554,000	Do.
	Steele				27,050	433,950	461,000	No vacant public land.
	Stutsman	9,800		9,800	51,200	852,500	913,500	Farming and grazing lands.
	Traill				32,000	522,000	554,000	No vacant public land.
Grand Forks	Total	42,000		42,000	479,930	7,915,070	8,437,000	
	Benson				46,000	7,000	53,000	Farming and grazing lands.
	Cavalier	2,000		2,000	120,000	729,000	831,000	Do.
	Eddy	2,000		2,000	28,000	58,000	88,000	Do.
	Grand Forks				48,000	864,500	912,500	Do.
	Nelson	600		600	50,000	584,400	635,000	Do.
	Pembina	500		500	42,000	684,500	727,000	Do.
	Ramsey	320		320	60,500	464,180	525,000	Do.
	Walsh				48,720	778,280	827,000	Do.
	Total	5,420		5,420	443,220	4,169,860	4,618,500	
Minot	Billings					97,200	370,000	Grazing and broken farming lands.
	Bothineau	272,800		272,800		363,920	364,000	Do.
	McLean	88,520		88,520	181,000	196,480	461,000	Do.

Mercer		469,273	46,720	515,993	62,000	105,207	62,000	No vacant public land.
Stark		790,760	40,600	1,209,717	295,140	2,788,000	714,000	Grazing and broken farming lands.
Williams		2,785,150	87,320	2,872,470	630,940	1,016,863	3,873,000	Do.
Total		7,795,095	3,302,356	11,097,451	2,686,690	4,567,670	8,071,080	Do.
Total in North Dakota								
OKLAHOMA.								
Woods.....		38,477		38,477	17,093	1,076,430	1,732,000	Broken prairie, timber, grazing, and agricultural lands.
Blaine.....		22		22		76,138	76,160	Broken.
Caddo.....		2,707		2,707	31,411	893,402	927,520	Mountainous and sandy.
Canadian.....		817		817	26,080	255,063	281,960	Broken.
Custer.....		37		37		332,123	332,160	Do.
Kiowa.....		2,650		2,650	21,760	437,670	462,080	Mountainous.
Washita.....					3,200	612,240	643,440	Broken.
Total		6,233		6,233	82,451	2,636,636	2,725,320	
Canadian.....					8,375	147,255	155,630	No vacant public land.
Cleveland.....					80,000	268,000	348,000	Do.
Kay.....					46,579	425,421	472,000	Do.
Lincoln.....		32		32	174,622	444,346	619,000	Grazing and farming.
Logan.....					16,894	343,106	360,000	No vacant public land.
Noble.....					30,345	468,655	493,000	Do.
Oklahoma.....					35,840	404,160	440,000	Do.
Pawnee.....		58		58	30,949	301,993	333,000	Broken.
Payne.....					66,836	417,164	484,000	No vacant public land.
Pottawatomie.....					273,220	227,780	501,000	Do.
Total		90		90	763,660	3,447,880	4,211,630	
Blaine.....		301		301	150	518,549	519,000	Broken.
Canadian.....						139,000	139,000	No vacant public land.
Custer.....		700		700	640	308,660	310,000	Broken and rocky.
Dewey.....		3,658		3,658		633,312	637,000	Grazing land.
Day.....		74,020		74,020		591,980	666,000	Do.
Garfield.....						640,000	640,000	No vacant public land.
Grant.....						672,000	672,000	Sandy and rolling.
Kingfisher.....						568,000	568,000	Agricultural.
Logan.....						112,000	112,000	No vacant public land.
Oklahoma.....						23,000	23,000	Do.
Roger Mills.....		5,667		5,667		129,333	135,000	Grazing.
Total		84,346		84,346	790	4,335,864	4,421,000	
Guthrie.....								
Kingfisher.....								

Statement by States, Territories, and land districts, and also counties where practicable, showing the area of land unappropriated, etc.—Continued.

OKLAHOMA—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
Lawton.....	Comanche.....	<i>Acre.</i>	<i>Acre.</i>	<i>Acre.</i>	<i>Acre.</i>	<i>Acre.</i>	<i>Acre.</i>	
		13,852	.....	13,852	591,720	1,238,428	1,845,000	
		1,502	.....	1,502	1,320	272,178	275,000	
Mangum.....	Kiowa.....	15,354	.....	15,354	538,040	1,511,606	2,120,000	
		10,185	.....	10,185	2,300	1,499,090	1,511,575	
		3,420	.....	3,420	24,260	594,320	622,000	
Woodward.....	Greer.....	13,605	.....	13,605	26,560	2,093,410	2,133,575	
		1,838,030	.....	1,838,030	.....	1,842,970	3,681,000	
		99,292	.....	99,292	1,680	2,023,028	2,124,000	
Indian reservations, unassigned.	Osage.....	1,937,322	.....	1,937,322	1,680	3,865,998	5,805,000	
		.....	.....	.....	.....	.....	100,137	
		.....	.....	.....	.....	.....	1,470,058	
	Total.....	2,095,427	.....	2,095,427	3,055,409	19,567,824	1,570,195	
		.....	.....	.....	.....	.....	24,718,720	
		.....	.....	.....	.....	.....	.....	No vacant public land.

OREGON.

Burns		Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
Baker.....	Crook.....	<i>Acre.</i>	<i>Acre.</i>	<i>Acre.</i>	<i>Acre.</i>	<i>Acre.</i>	<i>Acre.</i>	
		153,795	.....	153,795	107,918	49,287	311,000	
		88,027	.....	88,027	45,854	111,619	245,500	
Burns	Grant.....	28,662	.....	28,662	1,067,791	366,547	1,463,000	
		1,608,887	.....	2,075,642	556,324	827,034	3,459,000	
		2,133,770	.....	3,053,734	172,288	505,478	3,731,500	
Burns	Malheur.....	29,490	.....	29,490	60,752	1,758	92,000	
		
		
Burns	Wheeler.....	4,042,631	.....	4,042,631	2,010,927	1,861,723	9,302,000	
		
		
Burns	Total.....	.....	.....	.....	.....	.....	.....
		
		

Principally grazing; some timber.
Do.
Grazing; timber, farming.
Do.
Do.
Do.
Do.

Lagrande.....	Baker.....	739, 133	14, 592	753, 725	345, 876	587, 999	1, 687, 600	55 per cent timbered mountains, 10 per cent arid, 25 per cent grazing, 10 per cent farming.
	Grant.....	359, 593	25, 951	385, 544	482, 056	497, 400	1, 365, 000	50 per cent timbered mountains, 35 per cent grazing, 15 per cent farming.
	Morrow.....	42, 905	.....	42, 905	83, 491	384, 604	511, 000	25 per cent timbered mountains, 40 per cent grazing, 25 per cent arid, 10 per cent farming.
	Umatilla.....	168, 055	5, 539	173, 594	494, 759	1, 322, 647	1, 991, 000	30 per cent timbered mountains, 30 per cent arid, 35 per cent grazing, 5 per cent farming.
	Union.....	36, 469	18, 358	54, 827	475, 363	875, 209	1, 405, 400	75 per cent timbered mountains, 15 per cent grazing, 10 per cent farming.
	Wallowa.....	354, 704	94, 782	449, 486	809, 952	623, 563	1, 883, 000	50 per cent timbered mountains, 45 per cent grazing, 5 per cent farming.
	Total.....	1, 700, 859	159, 222	1, 860, 081	2, 691, 497	4, 291, 422	8, 843, 000	
Lakeview.....	Cook.....	346, 312	.....	346, 312	257, 752	178, 796	782, 860	One-tenth mountainous, two-tenths agricultural, seven-tenths grazing.
	Douglas.....	.....	.....	.....	45, 000	.....	45, 000	No vacant public land.
	Harney.....	1, 538, 534	1, 082, 880	2, 641, 414	.....	284, 586	2, 926, 000	One-tenth mountainous, three-tenths agricultural, six-tenths grazing.
	Klamath.....	264, 586	100, 000	364, 586	2, 037, 423	1, 132, 251	3, 554, 260	Two-tenths timber, three-tenths agricultural, five-tenths grazing.
	Lake.....	1, 646, 293	700, 000	2, 346, 293	1, 801, 550	921, 457	5, 069, 300	Three-tenths timber, one-tenth mountainous, three-tenths agricultural, three-tenths grazing.
	Lane.....	.....	.....	.....	35, 000	.....	35, 000	No vacant public land.
	Malheur.....	1, 125, 822	1, 359, 360	2, 485, 182	.....	129, 818	2, 615, 000	One-tenth mountainous, three-tenths agricultural, six-tenths grazing.
	Total.....	4, 941, 547	3, 242, 240	8, 183, 787	4, 176, 725	2, 666, 908	15, 027, 420	
Oregon City.....	Benton.....	10, 393	440	10, 833	.....	306, 667	317, 500	Broken grazing lands.
	Clackamas.....	53, 162	27, 760	80, 922	323, 896	768, 012	1, 172, 830	Timbered, farming, and grazing lands.
	Gladson.....	21, 903	4, 920	26, 823	800	499, 997	527, 620	Timbered and grazing lands.
	Columbia.....	706	.....	706	.....	433, 034	433, 740	Rolling and broken timber lands.
	Crook.....	.....	.....	.....	330, 000	.....	330, 000	No vacant public land.
	Lincoln.....	113, 584	68, 276	181, 860	.....	364, 586	547, 880	No vacant public land.
	Linn.....	9, 269	17, 000	26, 269	241, 530	692, 171	963, 000	Timber and grazing lands, broken.
	Narvon.....	6, 264	.....	6, 264	122, 820	648, 916	778, 000	Timber and grazing lands.
	Nutmoham.....	1, 760	.....	1, 760	40, 354	234, 826	237, 320	Farming lands.
	Polk.....	2, 457	5, 640	8, 097	28, 690	412, 213	449, 000	Timber, timber, and grazing lands.
	Tillamook.....	99, 811	3, 680	103, 491	108, 840	614, 309	718, 000	Broken, timber, and grazing lands.
	Wasco.....	.....	.....	.....	.....	3, 160	112, 000	No vacant public land.
	Washington.....	6, 870	.....	6, 870	.....	333, 290	360, 160	Rolling, timber, and grazing lands.
	Yamhill.....	35, 776	.....	35, 776	35, 896	389, 328	461, 000	Do.
	Total.....	361, 955	127, 716	489, 671	1, 238, 070	5, 740, 509	7, 468, 250	

Statement by States, Territories, and land districts, and also countries where practicable, showing the area of land unappropriated, etc.—Continued.

OREGON—Continued.

Land district.	County.	Area unappropriated and unreserved.		Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.				
Roseburg.	Benton	Acres. 1,742	Acres. 1,742	Acres. 89,339	Acres. 119,758	Acres. 121,500	Timber and grazing lands. Timber, agricultural. No vacant public land. Mountainous, timber. Mineral, grazing, and agricultural. Timber, grazing, fruit. Fruit, farming, and mining. Timber. Timber, farming, and mining. Broken, grazing. Hilly, grazing.
	Coos	61,226	64,177	125,403	974,858	1,189,600	
	Crook	164,628	61,483	267,111	320,989	87,532	
	Douglas	58,411	132,775	814,615	2,084,070	1,007,960	
	Jackson	229,077	306,952	199,183	1,273,529	3,031,460	
	Josephine	75,149	27,565	599,040	1,375,262	1,779,662	
	Klamath	7,352	34,605	195,726	50,769	1,072,016	
	Lane	210,623	75,517	841,056	1,552,304	281,100	
	Lincoln	42,055	6,019	53,426	53,426	2,679,500	
	Linn	13,930	42,656	132,240	332,674	34,500	
	Total	864,193	451,909	3,429,531	7,135,637	531,500	
The Dalles	Clackamas	1,447,041	125,467	18,000	1,125,258	18,000	Lands in district are broken and hilly, and principally adapted to grazing purposes. There are some small valleys and some undulating table-lands which constitute good farming lands. Greater portion is broken, hilly, and mountainous.
	Crook	250,745	28,741	1,020,284	493,514	3,718,000	
	Gilham	60,867	60,867	34,490	646,145	773,000	
	Grant	115,943	115,943	41,412	646,145	138,000	
	Morrow	25,206	19,000	179,914	494,794	803,500	
	Sherman	198,242	105,751	54,167	1,277,093	539,000	
	Wasco	518,060	200	1,348,217	432,573	1,761,000	
	Wheeler	2,616,104	279,159	2,895,263	4,512,020	1,005,000	
	Total	14,527,289	5,646,965	14,894,967	26,208,219	8,755,500	
	Total in Oregon					61,277,440	
Aberdeen.	Brown	80	80	60,110	1,034,810	1,065,000	Swampy. Agricultural and grazing. Do Agricultural and grazing.
	Campbell	27,880	27,880	36,720	427,480	492,000	
	Edmunds	1,520	1,520	43,200	680,280	725,000	
	McPherson	13,560	13,560	40,482	682,958	737,000	
	Total						

SOUTH DAKOTA.

Chamberlain	Walworth	19,760	19,760	26,240	426,000	472,000	Do.
	Total	62,800	62,800	206,752	3,251,448	3,521,000	Broken and grazing lands.
	Brule	4,077	4,077	529,923	534,000	534,000	Do.
	Buffalo	1,241	1,241	147,276	311,500	311,500	Do.
	Gregory	387,894	387,894	253,106	641,000	641,000	Do.
	Lugenbeel	521,438	521,438	693,000	693,000	693,000	Pine Ridge Indian Reservation.
	Lynan	600,892	600,892	294,000	1,659,000	1,659,000	Rough and rolling grazing lands.
	Meyer	600,892	600,892	1,303,500	1,303,500	1,303,500	Rough and rolling grazing lands.
	Stanley	600,892	600,892	1,09,978	720,000	720,000	Rough and rolling grazing lands.
	Tripp	600,892	600,892	1,049,500	1,049,500	1,049,500	Rosebud Indian Reservation.
Huron	Washabaugh	1,515,542	1,515,542	1,002,500	1,002,500	1,002,500	Pine Ridge Indian Reservation.
	Total	1,515,542	1,515,542	4,514,613	1,883,845	7,914,000	Broken and stony.
	Beadle	138	138	782,588	782,588	782,588	Do.
	Fault	1,455	1,455	644,474	644,474	644,474	Lake beds and stony.
	Hyde	2,509	2,509	918,196	918,196	918,196	Lake beds and stony.
	Potter	26,698	26,698	54,720	540,503	540,503	Broken.
	Spink	840	840	902,213	902,213	902,213	Lake beds and stony.
	Total	31,660	31,660	54,720	4,343,625	4,430,005	Swampy.
	Aurora	1,000	1,000	455,000	455,000	455,000	No vacant public land.
	Bonhomme	1,000	1,000	362,500	362,500	362,500	Mountains.
Mitchell	Charles Mix	1,000	1,000	709,000	710,000	710,000	Swampy.
	Clay	1,000	1,000	254,000	254,000	254,000	No vacant public land.
	Davison	1,000	1,000	276,500	276,500	276,500	Do.
	Douglas	1,000	1,000	289,000	289,000	289,000	Do.
	Hanson	1,000	1,000	278,000	278,000	278,000	Do.
	Hutchinson	1,000	1,000	528,000	528,000	528,000	Do.
	Jerauld	1,000	1,000	345,920	345,920	345,920	Broken and swampy.
	Lake	1,000	1,000	358,000	358,000	358,000	No vacant public land.
	Lincoln	1,000	1,000	370,000	370,000	370,000	Do.
	McCook	1,000	1,000	368,000	368,000	368,000	Do.
Pierre	Miner	1,000	1,000	367,000	367,000	367,000	Do.
	Mneahaha	1,000	1,000	571,000	571,000	571,000	Do.
	Moody	1,000	1,000	331,000	331,000	331,000	Do.
	Narbon	1,000	1,000	361,000	361,000	361,000	Do.
	Sanborn	1,000	1,000	333,000	333,000	333,000	Do.
	Turner	1,000	1,000	282,000	282,000	282,000	Do.
	Union	1,000	1,000	329,000	329,000	329,000	Swampy and sandy.
	Yankton	1,000	1,000	7,167,920	7,167,920	7,167,920	Indian reservation.
	Total	1,080	1,080	1,162,500	1,162,500	1,162,500	Do.
	Armstrong	7,318	7,318	622,000	622,000	622,000	Farming and grazing lands.
Pierre	Dewey	7,318	7,318	91,539	891,143	490,000	Grazing lands.
	Hughes	14,128	14,128	274,000	8,872	23,000	Indian reservation.
	Lynan	14,128	14,128	274,000	274,000	274,000	Do.
	Schnasse	14,128	14,128	274,000	274,000	274,000	Do.

Statement by States, Territories, and land districts, and also counties where practicable, showing the area of land unappropriated, etc.—Continued.

SOUTH DAKOTA—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
Pierre	Stanley	<i>Acres.</i> 1,246,552	<i>Acres.</i> 1,246,552	<i>Acres.</i> 1,246,552	<i>Acres.</i> 59,000	<i>Acres.</i> 664,382	<i>Acres.</i> 1,955,050	Grazing lands.
	Sully	6,618		6,618			671,000	Farming and grazing lands.
	Unassigned						59,000	No vacant public land.
Rapid City	Total	1,274,616		1,274,616	2,209,039	1,772,895	5,256,550	
	Butte	4,294,502		4,294,502	102,020	641,478	5,038,000	Agricultural and grazing.
	Custer	257,510	129,277	396,787	346,685	257,528	1,001,000	Broken, agricultural, mineral, timber, and grazing.
	Fall River	681,530	8,100	689,630	3,560	419,810	1,113,000	Part hilly; agricultural, grazing, and timbered.
	Lawrence	4,333		4,333	330,240	183,427	518,000	Rough and broken, timber, mineral, and agricultural land.
	Meade	1,505,788		1,505,788	50,395	692,817	2,249,000	Part hilly and part prairie, mineral, agricultural, and timber land.
	Pennington	773,811	59,810	833,621	453,120	466,259	1,753,000	Agricultural, grazing, mineral, and timbered; partly mountainous.
	Shannon				688,000		688,000	Pine Ridge Indian Reservation.
	Washington		109,644	109,644	704,000	7,356	821,000	Agricultural and grazing; partly Indian reservation.
Watertown	Total	7,527,474	306,831	7,834,305	2,678,020	2,668,675	13,181,000	
	Beadle							No vacant public land.
	Brookings					23,000	23,000	Do.
	Clark					503,000	503,000	Do.
	Codington					610,000	610,000	Level prairie, soil black and rich.
	Day					430,000	430,000	Do.
	Deuel					670,000	670,000	No vacant public land.
	Grant					400,000	400,000	Small fractions; good.
	Hamlin					431,000	431,000	No vacant public land.
	Kingsbury					334,000	334,000	Do.
	Marshall	162		162		519,000	519,000	Grazing land.
	Roberts	137		137		558,838	559,000	Do.
Indian reservation lands, unassigned.	Total	299		299		692,863	693,000	
	Schnase				896,000		896,000	No vacant public land.
	Boreman				822,000		822,000	Do.

Dewey.....				844, 845	.....	844, 845	Do.
Total				2, 562, 845	.....	2, 562, 845	
Total in South Dakota.....				12, 225, 989	26, 260, 109	49, 206, 400	
UTAH.							
Salt Lake City.....	415, 476	1, 164, 303	1, 579, 779	.....	69, 221	1, 619, 000	Generally arid, grazing, and mountain-ous.
Beaver							
Boxelder	1, 357, 554	1, 12, 338	2, 489, 892	347, 132	650, 976	3, 488, 000	Do.
Cache	90, 641	239, 057	329, 698	76, 800	359, 402	766, 000	Do.
Carbon	494, 790	312, 472	837, 262	2, 560	.....	975, 000	Do.
Davis	33, 128	10, 964	44, 092	.....	135, 908	180, 000	Do.
Emery.....	372, 546	2, 044, 927	2, 417, 473	235, 530	137, 437	2, 790, 440	Do.
Garfield	404, 604	2, 275, 540	2, 681, 144	511, 200	35, 656	3, 248, 000	Do.
Grand	380, 377	1, 987, 542	2, 367, 919	.....	33, 081	2, 401, 000	Do.
Iron	586, 491	1, 304, 377	1, 890, 868	.....	213, 132	2, 104, 000	Do.
Utah.....	609, 896	1, 267, 896	1, 937, 392	36, 940	147, 668	2, 122, 000	Do.
Kane	420, 741	2, 247, 090	2, 667, 831	.....	48, 169	2, 716, 000	Do.
Millard	1, 344, 232	2, 651, 566	3, 993, 798	50, 860	218, 342	4, 265, 040	Do.
Morgan	68, 748	62, 056	130, 804	35, 844	219, 352	386, 000	Do.
Piute	327, 385	96, 284	423, 669	7, 850	52, 481	484, 000	Do.
Rich.....	384, 156	21, 487	405, 643	61, 303	211, 054	678, 000	Do.
Salt Lake	64, 862	56, 237	121, 099	24, 987	249, 914	496, 000	Do.
Salt Juan	336, 302	4, 196, 783	4, 533, 085	522, 240	22, 675	5, 078, 000	Do.
Sanpete	335, 338	17, 967	353, 305	316, 500	333, 105	1, 003, 000	Do.
Sevier	60, 185	261, 892	872, 077	195, 840	149, 083	1, 217, 000	Do.
Summit	357, 811	7, 557	365, 368	445, 111	433, 521	1, 264, 000	Do.
Tooele	947, 667	3, 107, 922	4, 055, 389	177, 132	198, 279	4, 431, 000	Do.
Utah.....	749, 292	732, 969	1, 482, 261	1, 694, 685	152, 044	3, 329, 000	Do.
Utah.....	233, 683	520, 712	754, 395	255, 785	352, 820	1, 363, 000	Do.
Wasatch	25, 376	539, 878	565, 254	1, 986, 560	119, 186	2, 671, 000	Do.
Washington	240, 289	602, 240	842, 479	664, 320	55, 201	1, 562, 000	Do.
Wayne	223, 757	1, 220, 117	1, 443, 874	32, 960	48, 166	1, 525, 000	Do.
Weber	85, 598	29, 818	115, 416	68, 240	166, 344	350, 000	Do.
Total in district and State.	11, 560, 475	28, 142, 991	39, 703, 466	7, 750, 479	5, 087, 495	52, 541, 440	
WASHINGTON.							
North Yakima.....	108, 414	19, 760	128, 174	.....	163, 686	291, 860	Rolling prairie, hilly, grazing.
Franklin	6, 500	.....	6, 500	.....	.....	6, 500	Prairie grazing lands.
Kittitas.....	156, 030	351, 314	507, 344	137, 703	772, 533	1, 417, 630	Grazing, prairie, hilly, and timber.
Lewis.....	.....	.....	.....	.....	21, 500	21, 500	No vacant public land.
Yakima	188, 834	336, 586	525, 420	1, 285, 000	1, 629, 880	3, 410, 300	Grazing, arid prairie, and timber.
Total	459, 778	707, 660	1, 167, 438	1, 422, 703	2, 587, 649	5, 177, 790	

Statement by States, Territories, and land districts, and also counties where practicable, showing the area of land unappropriated, etc.—Continued.

WASHINGTON—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
Olympia.....	Chehalis.....	<i>Acres.</i> 4,680	<i>Acres.</i> 1,120	<i>Acres.</i> 5,800	<i>Acres.</i> 363,122	<i>Acres.</i> 873,578	<i>Acres.</i> 1,242,500	Mountainous timbered lands. Do. Do. Do. Do. Do. Do. Do. Do. Do.
	Jefferson.....	1,660	.....	1,660	67,839	48,161	117,660
	King.....	17,747	.....	95,137	1,350	96,013	192,500
	Kitsap.....	640	77,390	640	.....	58,890	59,530
	Lewis.....	1,920	5,920	7,840	75,000	92,660	175,500	
	Mason.....	10,500	6,640	17,140	162,627	435,113	614,880	
	Pacific.....	3,190	4,345	7,535	.....	81,685	89,220
	Pierce.....	2,035	3,705	5,740	295,820	654,960	956,520	
	Thurston.....	3,090	3,080	6,170	1,360	470,490	478,020	
	Total.....	45,462	102,200	147,662	967,118	2,811,550	3,926,330	
Seattle.....	Clallam.....	16,569	30,341	46,910	476,229	638,101	1,161,240	Mountainous and broken; good supply of excellent timber. No vacant public land. Broken and mountainous. Do. No vacant public land. Do. Broken, with little timber. Broken, heavily timbered, and mountainous. Do. Do.
	Island.....	.....	.....	.....	2,193	127,527	129,720
	Jefferson.....	4,047	.....	41,547	575,510	366,303	983,300
	King.....	8,256	62,010	70,266	262,320	785,094	1,117,860	
	Kitsap.....	.....	.....	.....	8,214	182,286	190,500
	Pierce.....	.....	.....	.....	1,038	44,962	46,000
	San Juan.....	3,339	.....	3,339	2,955	94,706	101,000
	Skagit.....	19,114	49,139	68,253	546,330	556,417	1,171,000	
	Snohomish.....	1,000	11,670	12,670	510,544	580,426	1,103,640	
	Whatcom.....	9,314	5,754	15,068	910,376	480,236	1,405,680	
Spokane.....	Total.....	61,639	196,414	258,053	3,295,909	3,856,058	7,410,020	Arid lands, valuable for fruit and grain. Arid lands. Farming, grazing, timber, and mineral. Farming and grazing. Farming, grazing, and mineral. Do. Mountainous, farming, and mineral. Grazing lands.
	Adams.....	6,517	.....	6,517	.....	727,483	734,000
	Douglas.....	.....	1,500	1,500	.....	.....	1,500
	Ferry.....	25,433	616,866	642,299	729,431	75,270	1,447,000	
	Lincoln.....	62,158	4,448	66,606	.....	1,422,944	1,490,250
	Okanogan.....	.....	138,223	138,223	136,260	17	274,500
	Spokane.....	4,764	66,806	71,570	.....	1,063,130	1,134,700
	Stevens.....	439,147	950,158	1,389,305	.....	1,115,195	2,504,500
	Whitman.....	4,704	.....	4,704	.....	648,596	653,300
	Total.....	542,723	1,778,001	2,320,724	866,391	5,052,635	8,239,750	

Vancouver	20,900 25,359 24,222 33,039 56,068 69,379 2,133 .....	..... 16,469 71,071 10,019 58,911	20,900 25,359 40,691 104,110 66,087 128,290 2,133	4,437 45,530 37,650 334,737 935 13,500 820,351 640 77,500	376,823 655,531 789,059 892,373 436,478 173,859 177,227	402,160 726,420 868,000 1,331,220 503,500 1,422,500 180,000 77,500	Timbered and agricultural. Do. Timbered, agricultural, grazing. Timbered and agricultural. Do. No vacant public land. Timbered and agricultural. Timbered. No vacant public land.
Clarke.....	20,900	.....	387,570	1,335,280	3,501,950	5,224,800	.....
Cowlitz.....	25,359	.....	33,715	271,304	180,981	496,000	Prairie, farming, and grazing lands.
Khektiat.....	24,222	16,469	150,524	13,180	231,796	404,500	Mountainous, some timber, and prairie.
Lewis.....	33,039	71,071	181,524	117,200	277,276	576,000	Do.
Pacific.....	56,068	10,019	116,890	426,540	238,570	782,000	Prairie, grazing lands; no timber.
Pierce.....	.....	.....	92,052	75,474	284,971	452,500	Farming, grazing, and timber.
Skamania.....	69,379	58,911	128,290	202,751	168,411	439,500	Grazing and farming; some timber.
Wahkiakum.....	2,133	.....	24,830	303,530	483,140	811,500	Do.
Yakima.....	.....	.....	11,454	255,182	440,864	710,500	Prairie, farming, and grazing lands.
Total.....	231,100	156,470	36,472	106,890	70,938	214,300	Desert and grazing lands; no timber.
Walla Walla.....	.....	.....	787,759	1,772,091	2,376,950	4,936,800	.....
Adams.....	33,715	.....	1,011,129	736,440	370,705	2,118,274	Mountainous, timber, farming.
Asotin.....	146,231	13,293	921,656	40,960	1,642,384	2,605,000	Prairie, farming, and grazing.
Columbia.....	5,066	176,458	206,286	.....	.....	206,286	Mountainous, timber, and farming.
Franklin.....	116,890	.....	1,654,655	958,439	288,735	2,901,830	Do.
Garfield.....	6,944	85,108	.....	.....	.....	.....	.....
Khektiat.....	128,290	.....	3,793,726	1,735,839	2,301,825	7,831,390	.....
Klickitat.....	198,298	.....	8,862,932	11,395,331	22,488,617	42,746,880	.....
Walla Walla.....	24,830	.....	.....	.....	.....	.....	.....
Whitman.....	11,454	.....	.....	.....	.....	.....	.....
Yakima.....	36,472	.....	.....	.....	.....	.....	.....
Total.....	512,900	274,859	.....	.....	.....	.....	.....
Waterville.....	.....	.....	.....	.....	.....	.....	.....
Chelan.....	359,853	651,276	.....	.....	.....	.....	.....
Douglas.....	725,498	196,158	.....	.....	.....	.....	.....
Kittitas.....	.....	206,286	.....	.....	.....	.....	.....
Okanogan.....	1,070,001	584,654	.....	.....	.....	.....	.....
Total.....	2,155,352	1,638,374	.....	.....	.....	.....	.....
Total in Washington..	4,008,954	4,853,978	.....	.....	.....	.....	.....
WISCONSIN.							
Ashland.....	1,100	.....	1,100	113,300	563,600	678,000	Farming and timber lands.
Bayfield.....	15,000	.....	15,000	11,033	928,967	955,000	Do.
Burnett.....	3,000	.....	3,000	.....	101,000	104,000	Do.
Douglas.....	5,880	.....	5,880	.....	838,120	844,000	Do.
Iron.....	500	.....	500	.....	182,500	183,000	Do.
Sawyer.....	1,520	.....	1,520	.....	226,480	228,000	Do.
Washburn.....	600	.....	600	.....	178,400	179,000	Do.
Total.....	27,600	.....	27,600	124,333	3,019,067	3,171,000	.....
Adams.....	.....	.....	.....	.....	41,000	41,000	No vacant public land.
Barron.....	200	.....	200	.....	539,800	560,000	Level timber lands.
Buffalo.....	135	.....	135	.....	432,865	433,000	Broken agricultural lands.
Burnett.....	7,340	.....	7,340	.....	448,660	456,000	Ordinary agricultural lands.

Statement by States, Territories, and land districts, and also counties where practicable, showing the area of land unappropriated, etc.—Continued.

WISCONSIN—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
Euclaire.....	Chippewa.....	Acres. 280	Acres.	Acres. 280	Acres.	Acres. 654,720	655,000	Timber and agricultural lands.
	Clark.....	647	.....	647	.....	777,353	778,000	Do.
	Columbia.....	.....	.....	.....	.....	126,000	126,000	No vacant public land.
	Crawford.....	.....	.....	.....	.....	357,000	357,000	Do.
	Dane.....	.....	.....	.....	.....	327,000	327,000	Do.
	Dunn.....	470	.....	470	.....	541,530	542,000	Timbered, broken agricultural lands.
	Eau Claire.....	400	.....	400	.....	415,600	416,000	Agricultural lands.
	Gates.....	235	.....	235	.....	598,805	599,040	Timber and farm lands.
	Grant.....	.....	.....	.....	.....	732,000	732,000	No vacant public land.
	Green.....	.....	.....	.....	.....	279,000	279,000	Do.
	Iowa.....	.....	.....	.....	.....	491,000	491,000	Do.
	Jackson.....	1,661	.....	1,661	.....	631,339	633,000	Agricultural lands.
	Juneau.....	80	.....	80	.....	97,920	98,000	Do.
	La Crosse.....	160	.....	160	.....	293,840	294,000	Do.
	Lafayette.....	.....	.....	.....	.....	404,840	404,840	No vacant public land.
	Marquette.....	.....	.....	.....	.....	22,000	22,000	Do.
	Monroe.....	800	.....	800	.....	581,200	582,000	Agricultural.
	Pepin.....	80	.....	80	.....	149,920	150,000	Do.
	Pierce.....	40	.....	40	.....	366,960	367,000	Broken agricultural.
	Polk.....	2,880	.....	2,880	.....	594,120	597,000	Broken timber.
	Price.....	1,642	.....	1,642	.....	522,358	504,000	Timbered lands.
	Richland.....	40	.....	40	.....	378,960	379,000	Agricultural lands.
	St. Croix.....	.....	.....	.....	.....	458,000	458,000	No vacant public land.
	Sauk.....	80	.....	80	.....	586,920	537,000	Agricultural lands.
	Sawyer.....	2,180	.....	2,180	67,171	572,649	642,000	Do.
	Taylor.....	260	.....	260	.....	462,740	463,000	Broken lands.
	Trempealeau.....	120	.....	120	.....	468,880	469,000	No vacant public land.
	Vernon.....	.....	.....	.....	.....	527,000	527,000	Timbered, agricultural lands.
	Washburn.....	803	.....	803	.....	365,197	366,000	Do.
Total.....		20,533	.....	20,533	67,171	14,197,176	14,284,880	
Wausau.....	Adams.....	600	.....	600	.....	391,400	392,000	Scrubby oak openings, sandy.
	Brown.....	.....	.....	.....	.....	335,000	335,000	No vacant public land.
	Columb.....	.....	.....	.....	.....	211,000	211,000	Do.
	Columet.....	.....	.....	.....	.....	381,000	381,000	Do.
	Dane.....	.....	.....	.....	.....	445,000	445,000	Do.
	Dodge.....	.....	.....	.....	.....	574,000	574,000	Do.

Door.....	316,000	Do.	Broken timbered lands.	316,000
Florence.....	304,000	Do.	No vacant public land.	304,000
Fond du Lac.....	458,000	Do.	Heavily timbered lands.	458,000
Forest.....	687,000	Do.	No vacant public land.	687,000
Green.....	37,000	Do.	Do.	37,000
Green Lake.....	226,000	Do.	Timbered and swamp lands.	226,000
Iron.....	310,400	Do.	No vacant public land.	310,400
Jefferson.....	351,000	Do.	Scrub-oak openings, sandy.	351,000
Juneau.....	408,760	Do.	No vacant public land.	408,760
Kenosha.....	183,000	Do.	Hard-wood timber.	183,000
Kewaunee.....	226,000	Do.	Heavily timbered, some swampy.	226,000
Langlade.....	570,920	Do.	No vacant public land.	570,920
Lincoln.....	394,000	Do.	Swampy, timbered lands.	394,000
Manitowoc.....	1,005,000	Do.	Timbered, quite sandy.	1,005,000
Marathon.....	879,200	Do.	No vacant public land.	879,200
Marquette.....	154,000	Do.	Timbered lands.	154,000
Milwaukee.....	632,800	Do.	Heavily timbered, part swampy.	632,800
Oconto.....	704,600	Do.	No vacant public land.	704,600
Oneida.....	413,000	Do.	Swampy and sandy.	413,000
Outagamie.....	150,000	Do.	Hard-wood timber.	150,000
Ozaukee.....	514,000	Do.	No vacant public land.	514,000
Portage.....	314,000	Do.	Swampy and sandy.	314,000
Price.....	210,000	Do.	Hard-wood timber.	210,000
Racine.....	460,000	Do.	No vacant public land.	460,000
Rock.....	630,200	Do.	Do.	630,200
Shawano.....	325,000	Do.	Do.	325,000
Sheboygan.....	158,000	Do.	Heavily timbered, part swampy.	158,000
Taylor.....	561,620	Do.	No vacant public land.	561,620
Vilas.....	361,000	Do.	Do.	361,000
Walworth.....	284,000	Do.	Do.	284,000
Washington.....	366,000	Do.	Do.	366,000
Waukesha.....	493,000	Do.	Swampy and sandy.	493,000
Waupaca.....	421,000	Do.	No vacant public land.	421,000
Wausara.....	288,000	Do.	Swampy.	288,000
Winnebago.....	513,920	Do.	Swampy.	513,920
Wood.....	80	Do.	Swampy.	80
Total.....	23,240			23,240
Total in Wisconsin.....	71,373			71,373

WYOMING.

Buffalo.....	3,385,000	Grazing, mountainous, timber, agricultural.
Big Horn.....	364,498	tural.
Converse.....	800	Grazing.
Crook.....	18,850	Do.
Fremont.....	12,664	Do.

Statement by States, Territories, and land districts, and also counties where practicable, showing the area of land unappropriated, etc.—Continued.

WYOMING—Continued.

Land district.	County.	Area unappropriated and unreserved.			Area reserved.	Area appropriated.	Total area of land surface of the county in land district.	Brief description of character of unappropriated and unreserved land.
		Surveyed.	Unsurveyed.	Total.				
Buffalo	Johnson	<i>Acres.</i> 2, 230, 106	<i>Acres.</i> 35, 200	<i>Acres.</i> 2, 265, 306	<i>Acres.</i>	<i>Acres.</i> 390, 694	<i>Acres.</i> 2, 656, 000	Agricultural, grazing, timber, mountainous.
	Natrona	70, 846	.....	70, 846	.....	6, 154	77, 000	Grazing.
	Sheridan	831, 560	173, 120	1, 004, 680	129, 141	515, 179	1, 649, 000	Timber, grazing, agricultural, mountainous.
	Weston	305, 718	.....	305, 718	.....	3, 282	309, 000	Grazing.
Cheyenne	Total	6, 240, 521	768, 897	7, 009, 418	129, 461	1, 312, 121	8, 451, 000	
	Albany	1, 538, 602	21, 581	1, 560, 183	409, 193	888, 624	2, 858, 000	About one-half county broken, mountainous land. Other half prairie, grazing, and farming lands; farm land along streams.
	Carbon	3, 333, 425	10, 701	3, 344, 126	1, 223, 011	565, 863	5, 133, 000	Greater portion broken, mountainous land, some timber; agricultural land along streams.
	Fremont..... Laramie.....	200, 348 2, 776, 446	32, 979	233, 327 2, 776, 446	..... .....	8, 673 1, 619, 554	242, 000 4, 396, 000	Mountainous, arid, timber. Principally prairie and broken grazing lands, with agricultural land along streams which can be irrigated.
Douglas	Sweetwater	709, 096	.....	709, 096	263, 986	7, 918	981, 000	Mountainous, broken, and alkaline plains.
	Total	8, 557, 917	65, 261	8, 623, 178	1, 896, 190	3, 090, 632	13, 610, 000	
	Converse	3, 608, 660	6, 400	3, 615, 060	.....	569, 940	4, 185, 000	Grazing, mountainous, and mineral.
	Fremont..... Natrona	820, 637 2, 993, 655	104, 362 116, 236	924, 999 3, 109, 891	..... .....	36, 001 252, 109	361, 000 3, 362, 000	Grazing and mountainous.
Evanston	Total	7, 422, 952	226, 998	7, 649, 950	.....	858, 050	8, 508, 000	Grazing, mineral, and mountainous.
	Fremont..... Sweetwater.....	624, 851 3, 906, 897	583, 377 338, 947	1, 208, 228 4, 245, 844	560, 759 33, 600	109, 013 1, 480, 556	1, 878, 000 5, 760, 000	Mountainous.
	Uinta	1, 146, 556	455, 301	1, 601, 857	2, 261, 638	1, 042, 505	4, 905, 000	Do.
	Total	5, 678, 304	1, 377, 625	7, 055, 929	2, 855, 997	2, 632, 074	12, 544, 000	Do.

Lander.....	934,587	135,400	1,069,987	2,728,123	548,890	4,347,000	Mountainous, farming, grazing, and timber.
Bighorn.....	762,528	22,981	785,509	3,967,378	316,113	5,069,000	Arid, mountainous, grazing, and farming.
Fremont.....	86,085	12,690	98,775	1,971,813	90,412	2,161,000	Arid, grazing, mountainous, timber, and mineral.
Uinta.....				1,897,000		1,897,000	No vacant public land.
Yellowstone Park.....							
Total.....	1,783,200	171,071	1,954,271	10,564,314	955,415	13,474,000	
Converse.....	101,442		101,442		1,558	103,000	Prairie and grazing lands; good for farming.
Crook.....	2,420,950		2,420,950	65,123	672,207	3,158,280	Seminomountainous, with fertile valleys.
Weston.....	2,115,040		2,115,040		469,960	2,585,000	Timber, grazing, and farming lands.
Total.....	4,637,432		4,637,432	65,123	1,143,725	5,846,280	
Total in Wyoming.....	34,320,326	2,609,852	36,930,178	15,511,085	9,992,017	62,433,280	

RECAPITULATION BY STATES AND TERRITORIES.

State or Territory.	Area unappropriated and unreserved.		Area reserved.	Area appropriated.	Total area of land surface in State or Territory.	Total area of water surface in State or Territory.	Grand total in State or Territory.
	Surveyed.	Unsurveyed.					
	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>
Alabama.....	219,730	219,730	51,480	32,386,710	32,657,920	465,920	33,123,840
Alaska.....		368,035,975	6,67,705		368,103,680	15,511,760	383,645,440
Arizona.....	12,064,763	34,936,800	20,249,180	5,541,547	72,792,320	84,480	72,876,800
Arkansas.....	2,427,857		2,560	31,113,263	33,543,680	522,240	34,065,920
California.....	28,077,190	7,136,603	20,818,779	43,937,348	99,969,920	1,299,200	101,269,120
Colorado.....	31,733,653	4,098,543	5,294,348	25,222,216	66,348,160	192,000	66,540,160
Florida.....	937,777	160,070	19,259	33,885,534	35,072,640	2,677,120	37,749,760
Idaho.....	10,848,849	28,819,787	2,061,577	11,563,227	53,293,440	356,180	53,649,620
Illinois.....				35,842,560	35,842,560	1,504,000	37,346,560
Indiana.....				22,950,400	22,950,400	465,280	23,415,680
Indian Territory.....			19,714,560		19,714,560	279,680	19,994,240
Iowa.....	947,642			35,646,080	35,646,080	366,720	36,012,800
Kansas.....	102,173		120,375	51,314,703	52,382,720	218,320	52,601,040
Louisiana.....	340,507	65,018	1,468,434	27,414,735	28,663,360	2,765,280	31,760,640
Michigan.....	2,243,210		120,654	36,358,039	36,819,200	2,894,400	42,713,600
Minnesota.....		884,198	2,316,820	45,723,852	51,198,080	4,056,320	55,254,400
Mississippi.....	92,420			29,592,700	29,685,120	343,010	30,028,130
Missouri.....	191,681			43,604,159	43,795,840	451,810	44,247,680
Montana.....	18,409,023	38,046,412	18,616,446	18,521,719	93,593,600	325,440	94,119,040
Nebraska.....	7,822,789	11,974	628,855	40,673,662	49,137,280	482,560	49,619,840
Nevada.....	30,833,050	30,417,530	5,983,409	3,102,651	70,336,640	497,920	70,834,560
New Mexico.....	38,123,606	14,128,734	7,356,104	18,820,356	78,428,800	90,880	78,519,680
New York.....	7,795,085	3,302,356	2,686,680	31,125,939	44,910,080	452,480	45,362,560
North Dakota.....				26,062,720	26,062,720	2,394,240	28,456,960
Ohio.....	2,095,427			19,547,824	21,718,720	158,720	21,877,440
Oklahoma.....	14,527,289	5,646,965	3,635,469	26,208,219	61,277,440	698,880	61,976,320
Oregon.....	10,413,471	306,831	14,894,967	49,206,400	49,206,400	444,800	49,651,200
South Dakota.....	11,560,475	28,142,991	12,225,989	5,087,495	52,541,440	1,812,480	54,353,920
Utah.....	4,008,951	4,853,978	7,750,479	22,488,617	42,746,880	2,420,480	45,167,360
Washington.....			11,392,331	34,770,983	35,274,880	6,840,320	42,115,200
Wisconsin.....	71,373			9,992,017	62,433,280	208,640	62,641,920
Wyoming.....	34,320,326	2,609,852	15,511,085		1,809,539,840	74,481,920	1,884,021,760
Grand total.....	270,267,760	571,604,617	172,873,079	794,794,384			

^a The unreserved lands in Alaska are mostly unsurveyed and unappropriated.^b So far as estimated.

E.—DIVISION OF PUBLIC SURVEYS.

The work performed in this division during the fiscal year ended June 30, 1904, was as follows:

Letters:	
On hand unanswered July 1, 1903	205
Received during the year	7, 124
Written during the year	6, 201
Disposed of during the year	7, 060
Remaining on hand July 1, 1904	269
Pages of press copy typewritten	15, 190
Pages of record copied	2, 171
Copies of field notes:	
Pages of field notes for official and individual use	992
Surveying returns:	
Returns pending July 1, 1903	107
Received during the year	177
Acted on during the year	171
On hand July 1, 1904	113
Reports of examinations of surveys:	
Reports pending July 1, 1903	109
Received during the year	136
Acted on during the year	144
On hand July 1, 1904	101
Surveying contracts:	
Pending July 1, 1903	0
Contracts received during the year	127
Special instructions (in lieu of contracts) received during the year	63
Supplemental instructions received and approved	39
Contracts acted on during the year	127
Special instructions acted upon and approved during the year	63
Contracts canceled during the year	1
Contracts pending July 1, 1904	0

Statement showing the number of acres of public lands surveyed in the following land States and Territories up to June 30, 1903, during the past fiscal year, and the total of public lands surveyed up to June 30, 1904; also the total area of the public domain remaining unsurveyed within the same.

Land State and Territories.	In acres.	In square miles.	Up to June 30, 1903.	Under contracts made prior to June 30, 1903, and not heretofore reported because accepted since June 30, 1903.	Under contracts made for the fiscal year ending June 30, 1904.	Total up to June 30, 1904.	Total area of public and Indian lands remaining unsurveyed, including the area of private land claims surveyed up to June 30, 1904.
Alabama	32,657,920	51,028	32,657,920	.....	.....	32,657,920	.....
Arkansas	33,543,680	52,412	33,543,680	.....	.....	33,543,680	.....
California	99,969,920	156,203	76,943,485	211,524	.....	77,155,009	22,814,911
Colorado	66,348,160	103,669	62,454,648	108,590	.....	62,563,238	3,784,922
Florida	35,072,640	54,801	30,841,141	.....	.....	30,841,141	4,231,499
Illinois	35,842,560	56,004	35,842,560	.....	.....	35,842,560	.....
Indiana	22,950,400	35,860	22,950,400	.....	.....	22,950,400	.....
Iowa	35,646,080	55,697	35,646,080	.....	.....	35,646,080	.....
Idaho	53,293,440	83,271	20,965,555	505,166	.....	21,470,721	31,822,719
Kansas	52,382,720	81,818	52,382,720	.....	.....	52,382,720	.....
Louisiana	29,055,360	45,399	27,175,362	.....	.....	27,175,362	1,879,998
Michigan	36,819,200	57,530	36,819,200	a 40	.....	36,819,200	.....
Minnesota	51,198,080	79,997	48,270,519	274,636	47	48,545,202	2,652,878
Mississippi	29,685,120	46,383	29,685,120	.....	.....	29,685,120	.....
Missouri	43,795,840	68,431	43,795,840	.....	.....	43,795,840	.....
Montana	93,593,600	146,240	37,335,059	233,000	.....	39,665,066	53,928,534
Nebraska	49,137,280	76,777	49,087,856	.....	.....	49,087,856	49,424
Nevada	70,336,640	109,901	37,933,815	68,159	.....	38,001,974	32,334,666
North Dakota	44,910,080	70,172	39,735,632	529,021	784	40,265,437	4,644,643
Ohio	26,062,720	40,723	26,062,720	.....	.....	26,062,720	.....
Oregon	61,277,440	95,746	47,505,894	359,809	.....	47,865,703	13,411,737
South Dakota	49,206,400	76,885	46,404,415	1,159,134	.....	47,563,549	1,642,851
Utah	52,541,440	82,096	20,700,412	305,043	.....	21,005,455	31,535,985
Wisconsin	35,274,880	55,117	35,274,880	a 3	a 125	35,274,880	.....
Washington	42,746,880	66,792	28,133,427	331,959	495	28,465,881	14,280,999
Wyoming	62,433,280	97,552	55,112,241	429,141	.....	55,541,382	6,891,898
Alaska	368,103,680	575,162	6,476	1	.....	6,477	368,097,203
Arizona	72,792,320	113,738	18,723,442	430,186	.....	19,153,628	53,638,692
Indian Territory	19,658,880	30,717	19,658,880	.....	.....	19,658,880	.....
New Mexico	78,428,800	122,545	51,178,187	351,148	.....	51,529,335	26,899,465
Oklahoma	24,774,400	38,710	24,695,192	.....	.....	24,695,192	79,208
Total	1,809,539,840	2,827,406	1,127,522,758	7,393,524	1,326	1,134,917,608	6674,622,232

^a This area appears to have been counted in former reports and is therefore not added in this column.

^b This estimate is of a very general nature and affords no index to the disposable volume of land remaining, nor the amount available for agricultural purposes. It includes Indian and other public reservations, unsurveyed private land claims, as well as surveyed private land claims in the districts of Arizona, California, Colorado, and New Mexico; the sixteenth and thirty-sixth sections reserved for common schools; unsurveyed lands embraced in railroad, swamp lands, and other grants; the great mountain areas; the areas of unsurveyed rivers and lakes, and large areas wholly unproductive and unavailable for ordinary purposes.

Historical and statistical table of the United States and Territories, showing the area of each in square miles and in acres, the date of acts organizing Territories, date of acts admitting new States into the Union, the population of each State and Territory at the taking of the census in 1900, and the area surveyed and remaining unsurveyed up to June 30, 1904.

Civil division.	Act organiz- ing Territory.	United States Statutes.		Act admitting State.	United States Statutes.		Area of States and Ter- ritories, land surface.		Number of acres sur- veyed up to June 30, 1904.	Area remain- ing unsur- veyed on June 30, 1904.	Population in 1900.
		Vol.	Page.		Vol.	Page.	In square miles.	In acres.			
THIRTEEN ORIGINAL STATES.											
New Hampshire.....							9,056	5,795,840			411,588
Massachusetts.....							8,038	5,144,320			2,805,346
Rhode Island.....							1,081	691,840			428,566
Connecticut.....							4,794	3,068,160			908,420
New York.....							47,687	30,519,680			7,268,894
New Jersey.....							7,454	4,770,560			1,883,669
Pennsylvania.....							44,679	28,594,560			6,302,115
Delaware.....							1,969	1,260,160			184,735
Maryland.....							9,875	6,320,000			1,188,041
Virginia.....							39,925	25,552,000			1,854,184
North Carolina.....							48,972	31,342,080			1,893,810
South Carolina.....							30,460	19,494,400			1,340,316
Georgia.....							58,850	37,664,000			2,216,331
STATES ADMITTED.											
Kentucky.....			Feb.	4,1791	1	189	39,898	25,534,720			2,147,174
Vermont.....			Feb.	18,1791	1	191	9,114	5,832,960			333,641
Tennessee.....			June	1,1796	1	491	41,686	26,679,040			2,020,616
Maine.....			Mar.	3,1829	3	544	29,894	19,132,160			694,466
Texas.....			a Dec.	29,1845	9	108	262,506	168,003,840			3,048,710
West Virginia.....			Dec.	31,1862	12	633	24,343	15,579,520			98,800
PUBLIC LAND STATES AND TERRITORIES.											
<i>States.</i>											
Ohio.....	Mar. 3, 1805			Apr. 30, 1802	2	173	40,723	26,062,720	26,062,720		4,157,545
Louisiana.....	Mar. 7, 1800	2	331	Apr. 8, 1812	2	701	45,399	29,055,360	27,173,362	1,879,998	1,381,615
Indiana.....	May 7, 1800	2	58	a Dec. 11, 1816	3	399	35,860	22,950,400	22,950,400		2,516,462
Mississippi.....	Apr. 7, 1798	1	549	a Dec. 10, 1817	3	472	46,383	29,685,120	29,685,120		1,531,270
Illinois.....	Feb. 3, 1809	2	514	a Dec. 3, 1818	3	536	56,004	35,842,560	35,842,560		4,821,350
Alabama.....	Mar. 3, 1817	3	371	a Dec. 14, 1819	3	608	51,028	32,657,920	32,657,920		1,828,697
Missouri.....	June 4, 1812	2	743	6 Mar. 2, 1821	3	645	68,431	43,795,840	43,795,840		3,106,065
Arkansas.....	June 2, 1819	3	493	June 15, 1836	5	50	52,412	33,543,680	33,543,680		1,311,564
Michigan.....	Jan. 11, 1805	309	309	Jan. 26, 1837	5	144	57,530	36,819,200	36,819,200		2,420,982
Florida.....	Mar. 30, 1822	3	654	Mar. 3, 1845	5	742	54,801	35,072,640	30,841,141	4,231,499	528,542

^a See President's proclamation (3 Stat. L., Appendix No. 2).

^a Joint resolution by Congress.

Historical and statistical table of the United States and Territories, showing the area of each in square miles and in acres, etc.—Continued.

Civil division.	Act organiz- ing Territory.	United States Statutes.		Act admitting State.	United States Statutes.		Areas of States and Ter- ritories, land surface.		Number of acres sur- veyed up to June 30, 1904.	Area remain- ing unsur- veyed on June 30, 1904.	Population in 1900.
		Vol.	Page.		Vol.	Page.	In square miles.	In acres.			
PUBLIC LAND STATES AND TERRITORIES—CON.											
States—Continued.											
Iowa.....	June 12, 1838	5	235	Mar. 3, 1845	5	742	55,697	35,646,080	35,646,080	.....	2,231,853
Wisconsin.....	Apr. 20, 1836	5	10	May 29, 1848	9	233	55,117	35,274,880	35,274,880	.....	2,069,042
California.....	Sept. 9, 1850	9	463	Sept. 9, 1850	9	452	156,203	99,969,920	77,155,009	22,814,911	1,485,053
Minnesota.....	Mar. 3, 1849	9	323	May 11, 1858	11	285	79,997	51,198,080	48,545,202	2,652,878	1,751,394
Oregon.....	Aug. 14, 1848	10	277	Feb. 14, 1859	11	383	95,746	61,277,440	47,865,703	13,411,737	413,536
Kansas.....	Mar. 30, 1854	10	209	Jan. 29, 1861	12	126	81,848	52,382,720	52,382,720	.....	1,470,495
Nevada.....	Mar. 2, 1861	12	277	Mar. 21, 1861	13	30	109,901	70,336,640	38,001,974	32,334,666	42,335
Nebraska.....	May 30, 1854	10	277	Feb. 9, 1867	14	391	76,777	49,137,280	49,087,856	3,784,424	1,066,300
Colorado.....	Feb. 28, 1861	12	172	e Mar. 3, 1875	18	474	163,669	66,348,160	62,563,258	6,891,898	539,700
Wyoming.....	July 25, 1868	15	178	July 10, 1890	26	222	97,552	62,433,280	55,541,382	14,280,999	92,531
Washington.....	Mar. 2, 1853	13	85	Feb. 22, 1889	25	676	146,240	93,593,600	39,665,066	53,928,534	243,329
Montana.....	May 26, 1864	13	85	do.....	25	676	70,172	44,910,080	40,265,437	4,644,643	319,146
North Dakota.....	Mar. 2, 1861	12	239	do.....	25	676	70,172	44,910,080	40,265,437	1,642,851	401,570
South Dakota.....	do.....	12	239	do.....	25	676	76,885	53,263,440	21,470,721	31,822,719	161,772
Utah.....	Mar. 3, 1863	12	808	July 3, 1890	26	215	82,271	52,541,440	21,005,455	31,535,985	276,749
	S.ept. 9, 1850	9	453	e July 16, 1894	28	107	82,696	52,541,440	21,005,455	31,535,985	276,749
Territories.											
New Mexico.....	S.ept. 9, 1850	9	446				122,545	78,428,800	51,529,335	26,899,465	195,310
Arizona.....	Feb. 24, 1863	12	664				113,738	72,792,320	19,153,628	53,638,692	122,931
District of Alaska.....	July 27, 1868	15	240				575,162	368,113,680	6,477	368,097,203	63,592
Indian Territory.....							3,717	19,658,880	19,658,880	.....	392,660
District of Columbia.....	July 16, 1790	1	130				59	37,760	.....	.....	278,718
Oklahoma.....	Mar. 3, 1791	1	214				38,710	24,774,400	24,695,192	79,208	393,331
	May 2, 1890	26	81	(f)							
Total.....							3,547,746	2,270,557,440	1,134,917,618	9,674,622,232	76,058,167

^aSee President's proclamation, Oct. 13, 1864 (13 Stat. L., 719).

^bSee President's proclamation, Mar. 1, 1867 (14 Stat. L., 829).

^cSee President's proclamation, Aug. 1, 1876 (19 Stat. L., 665).

^dSee President's proclamation, (26 Stat. L., 1548 to 1552, inclusive).

^eSee President's proclamation, Jan. 4, 1896 (29 Stat. L., 876).

^fSee President's proclamation (26 Stat. L., 1544).

^gSee President's proclamation (3 Stat. L., Appendix No. 2).

^hThese figures do not include the population of Hawaii, which is given in the report of the Twelfth Census as 154,001, and the area in square miles as 6,449 or 4,127,360 acres. The Hawaiian Islands were by joint resolution of Congress (30 Stat. L., 756) annexed as a part of the territory of the United States.

MILITARY RESERVATIONS.

Names and locations of existing military reservations in the public-land States and Territories which appear of record in the General Land Office.

Name and location of reservation.	Area in acres.	Date of President's order or other authority, and remarks.
ALASKA.		
Fort Wrangell: In the town of Fort Wrangell, a tract of land upon which are the buildings now occupied by the civil government, described as follows: Beginning on the south side of Main street, at the northwest corner of the warehouse occupied by Sylvester & Reid; thence in a northwesterly direction by land occupied by Rufus Sylvester, 210 feet to a post in picket fence; thence in a northeasterly direction along said picket fence, old stockade blockhouse, and lands occupied by Rufus Sylvester, 214 feet to a post; thence in a northwesterly direction at a right angle with aforesaid line by lands of the United States, 240 feet to a post; thence in a southwesterly direction and parallel with the northwest wall of the old fort and 40 feet distant from said wall by lands of the United States, 550 feet to low tide-water mark; thence along low tide-water mark in a southeasterly direction by the sea 450 feet to the south side of Main street; thence along south side of Main street to place of beginning.	a 4.00	President's order, June 21, 1890.
Sitka: The plat of ground marked No. 20 on the map, but more particularly described as follows: Commencing at the northern corner of that plat of ground which we hereafter ask shall be reserved as a public common and now known as the "parade ground," near the Presbyterian Church, and running N. 33° E. 64.68 feet; thence W. 35° N. 59.73 feet; thence N. 39° E. 87.79 feet to a road 26.40 feet wide, crossing this and continuing the line (N. 39° E.) 59.40 feet; thence E. 39° S. 104.28 feet; thence S. 104.28 feet; thence S. 30° W. 46.20 feet to a road 26.40 feet wide; thence on south side of said road E. 30° S. 86.46 feet; thence S. 29° W. 111.54 feet; thence W. 4° N. 150.40 feet to point of starting, for marine or military barracks and garden.	(b)	President's order June 21, 1890.
Ten acres of land, including that now designated on the plat of land as surveyed and claimed by Rev. Sheldon Jackson for the Presbyterian Board of Home Missions, as the same appears of record in the office of the recorder ex officio for this district and marked "Military cemetery," and more particularly described as follows: Beginning at corner mark No. 8 on said plat, running northwesterly 660 feet; thence at right angles southwesterly 660 feet; thence southeasterly 660 feet; thence northeasterly 660 feet, for a military and naval cemetery, subject to any rights which said Board of Home Missions may have.	10.00	
Two hundred and fifty feet of land on each side of the stream of water running into Jamestown Bay, on the south side thereof, on Baranoff Island, now used for watering purposes by the U. S. Navy and mercantile vessels, for a wharf and such other purposes as may be necessary for use of the U. S. Navy and mercantile marine; also all of that island situated directly opposite the town of Sitka, known as Japansky Island, for naval and military purposes.	(b)	
Fort St. Michael: St. Michael Island, and all other lands and islands within a radius of 10 miles of the flagstaff of the post of Fort St. Michael.	(b)	President's order, Oct. 27, 1900.

a About.

b Area not known.

Names and locations of existing military reservations in the public-land States and Territories which appear of record in the General Land Office—Continued.

Name and location of reservation.	Area in acres.	Date of President's order or other authority, and remarks.
ALASKA—continued.		
In the vicinity of Dyea:		
1. Beginning at a point about 200 yards north of the dock of the Dyea Klondike Transportation Co.; thence northerly along the shore of Lynn Canal 2 miles; thence west 1 mile; thence south 2 miles; thence east 1 mile to point of beginning.	a 1,280.00	President's order, Dec. 31, 1898.
2. Beginning at point on shore of Lynn Canal just north of where road from Haines Mission turns westerly towards Chilkat; thence southerly along coast line of Lynn Canal 2 miles; thence west 1 mile; thence northerly 2 miles; thence east 1 mile to point of beginning.	a 1,280.00	
1. Beginning at northwest corner of said military reservation (corner 4 of existing reservation); thence south 2,007 feet to corner 2 on the east shore of Chilkat Inlet; thence meandering along the said shore of the Chilkat Inlet S. 41° 34' E. 18,945 feet to corner 3; thence across the peninsula to the west shore of Lynn Canal, east 7,300 feet, more or less to corner 4; thence meandering along the shore of Lynn Canal N. 41° 06' W. 11,943 feet, more or less, to corner 5 (corner 2 of existing reservation); thence along the south boundary of said reservation west 5,280 feet to corner 6 (corner 3 of existing reservation); thence along the west boundary of said reservation N. 47° 08' W. 10,560 feet to point of beginning.	(b)	President's order, Nov. 21, 1902.
2. All the land within the following limits to secure a clay deposit for making roads on the reservation: Beginning at a post situated about 4,640 feet west of the approach to the present wharf at Haines, Alaska; thence east 500 feet to corner 2; thence north 500 feet to corner 3; thence west 500 feet to corner 4; thence south 500 feet to corner 1, the point of beginning.	5.74	
At junction of the Tanana and Yukon rivers: Beginning at a post marked "U. S. M. R.," situated on the north or right bank of the Yukon River, opposite the mouth of the Tanana River; thence running due north from said post 10 miles, thence due west 10 miles; thence due south to a point at low-water mark on the north bank of the Yukon River; thence easterly along the north bank of said Yukon River at low-water mark to a point due south of said beginning post; thence north to the place of beginning.	c 64,000.00	President's order, July 10, 1899.
Fort Egbert: Commencing at a post at the mouth of Mission Creek, marked "U. S. M. R.," thence due west 2 miles; thence due south 2 miles; thence due east 3 miles; thence due north to the left bank of the Yukon River; thence along the left bank of said river to the place of beginning.	(d)	President's order, Jan. 25, 1904.
On recommendation contained in letter from the Secretary of War, so much of the peninsula embracing Point Spencer as lies north of the southern boundary as hereinafter described was reserved for public purposes, viz: Commencing at the extreme north end of the peninsula embracing Point Spencer, shown by the General Land Office map of Alaska, 1898, as being in approximate latitude 65° 17' N., longitude 166° 45' W. from Greenwich; thence to a point due south from Point Spencer, 2 miles to a point east or west from the west shore of Port Clarence Bay; thence to a point due east or west, as the case may be, to a point at low-water mark on the west shore of Port	(d)	President's order, Jan. 23, 1900.

a Estimated area.

b Area not known. Courses and distances do not close within 15 chains.

c About.

d Area not known.

Names and locations of existing military reservations in the public-land States and Territories which appear of record in the General Land Office.—Continued.

Name and location of reservation.	Area in acres.	Date of President's order or other authority, and remarks.
ALASKA—continued.		
On recommendation contained in letter from the Secretary of War, etc.—Continued.		
Clarence Bay; thence due west, crossing said peninsula from the point at low-water mark on the west shore of Port Clarence Bay, to a point at low-water mark on Bering Sea, the last-named course to constitute the southern boundary of the tract.		
Fort Liscum:		
Beginning at an iron post 2 inches in diameter, 5 feet long, driven 3 feet in the ground, marked "U. S. M. R. Post No. 1," which is near the center of a neck of land 24 feet wide, which connects Swanport Peninsula with the mainland, and which is N. 67° 50' W., 26.50 chains distant from large rock about 12 by 12 by 14 feet above ground, standing in front of Fort Liscum, said iron post being situated at the initial point or northwest corner of the reservation as declared by said Executive order of July 18, 1900; thence S. 80° 30' E. to the shore, and following the shore line of Valdez Bay at low water in an easterly direction to a point on the shore N. 9° 30' E. from an iron post 2 inches in diameter, 5 feet long, marked "U. S. M. R. Post No. 2," placed 3 feet in the ground, on a bluff 30 feet above sea level; said post bearing S. 80° 30' E., 2 miles distant from post No. 1, the place of beginning, and west 6.50 chains from the mouth of Solomons Guleh Creek, said point being also the northeast corner of the original reservation as declared by said Executive order of July 18, 1900; thence S. 9° 30' W., through said post and along the eastern boundary of the original reservation, 43.05 chains from the said iron post No. 2 to corner No. 3, which is an iron post 2 inches in diameter, 5 feet long, 3 feet in the ground, marked "U. S. M. R. Post No. 3;" thence N. 83° 20' W., 160.32 chains to corner No. 4, which is an iron post 2 inches in diameter, 5 feet long, 3 feet in the ground, marked "U. S. M. R. Post No. 4," said corner being situated on the western line of the original reservation as declared by said Executive order of July 18, 1900; thence N. 9° 30' E. along the original reservation 50.97 chains to corner No. 1, the place of beginning.	659.89	President's order, Dec. 31, 1903.
A tract of land for military purposes, particularly as a site for a signal station and base of supply for Fort Liscum-Fort Egbert military telegraph line, viz: All that tract of land situate near the easterly shore of Valdez Bay, district of Alaska, bounded as follows:	(a)	President's order, Mar. 10, 1903.
Beginning at a point on the northern boundary line of the present town of Valdez, situated, with respect to surrounding objects, as described in a survey of said tract made by George E. Baldwin, U. S. deputy surveyor, in January, 1903; thence N. 61° 27' E., along the present northern boundary of the town of Valdez, 261 feet, to corner No. 2; thence N. 28° 33' W., 92 feet, to corner No. 3; thence S. 61° 27' W., 261 feet, to corner No. 4; thence S. 28° 33' E., 92 feet, to corner No. 1, the place of beginning.		
A tract of land on Skagway River near Skagway, known as Survey No. 177, as surveyed by Alfred Williams, U. S. deputy surveyor, and shown upon a blueprint diagram accompanying the order, viz:	b 466.12	President's order, May 21, 1903.
Starting at station Kean, of the Coast and Geodetic Survey, from which station Garb, of same survey, bears S. 3° 59' W.; thence		

a Area not known.

b About.

Names and locations of existing military reservations in the public-land States and Territories which appear of record in the General Land Office—Continued.

Name and location of reservation.	Area in acres.	Date of President's order or other authority, and remarks.
ALASKA—continued.		
A tract of land on Skagway River near Skagway, known as Survey No. 177, etc.—Continued.		
N. 52° 05' E., 111.62 chains, to corner No. 1, the place of beginning; thence N. 47° 12' W., 80 chains, to corner No. 2; thence N. 42° 48' E., 80 chains, to corner No. 3; thence S. 47° 11' E., 48.79 chains, to corner No. 4; thence S. 30° 03' W., 32.81 chains, to corner No. 5; thence S. 46° 27' E., 0.37 chain, to corner No. 6; thence S. 43° 22' W., 36.03 chains, to corner No. 7; thence S. 47° 12' E., 24.30 chains, to corner No. 8; thence S. 44° 26' W., 11.96 chains, to corner No. 1, the place of beginning. Variation at all corners, 32° 30' E. The bearings are true.		
Total in Alaska, as far as known or estimated.	67,705.75	
ALABAMA.		
At entrance to Mobile Bay, the small islands between the north point of Dauphin Island and Cedar Point, Grant, Heron, Tower, and other islands, and so much of Cedar Point as lies in fractional secs. 25 and 26, T. 8 S., R. 2 W.:		
Cedar Point.....	296.50	President's order, Feb. 9, 1842.
Fort Gaines, on eastern end of Dauphin Island.....	(a)	Lands conveyed to the United States by decree of chancery in Jan., 1853.
Fort Morgan, in T. 9 S., R. 1 E.....	(a)	Secretary of War, Sept. 10, 1842.
ALABAMA AND MISSISSIPPI.		
All of Ship Island, Hurricane, and Dog Islands (Dog and Hurricane islands estimated at 100 acres).	1,652.40	President's order, Aug. 30, 1847.
Total in Alabama and Mississippi, as far as known.	1,949.90	
ARIZONA TERRITORY.		
Camp Apache, within the limits of the White Mountain Indian Reservation.	7,421.14	President's order, Feb. 1, 1877.
Camp Grant (new), in Tps. 8, 9, and 10 S., Rs. 23 and 24 E.	42,341.00	President's order, Apr. 17, 1876.
Fort Huachuca, in southern Arizona, adjacent to Babacomari private land claims.	49,920.00	President's orders, Oct. 29, 1881, and May 14, 1883.
Fort Whipple, in T. 14 N., R. 2 W.....	1,730.00	President's orders, Aug. 31, 1869, and Oct. 19, 1875; act of Congress, approved June 22, 1874 (18 Stat. L., 201).
Total in Arizona, so far as known.....	101,412.14	
ARKANSAS.		
Fort Smith National Cemetery, in sec. 17, T. 8 N., R. 32 W.	14.81	President's orders, May 22, 1871, and Dec. 3, 1876. (See act of Feb. 26, 1897, 29 Stat. L., 596.)
Total in Arkansas.....	14.81	
CALIFORNIA.		
Angel Island, in San Francisco Bay.....	(b)	President's orders, Nov. 6, 1850, and Apr. 10, 1860.
Alcatraz Island, in San Francisco Bay.....	(c)	President's order, Nov. 6, 1850.
Drum Barracks, at Wilmington Cal.....	55.00	Deeded to the United States by private parties.
Benicia Barracks and Arsenal, in Tps. 2 and 3 N., Rs. 2 and 3 W.	344.90	President's order, Oct. 10, 1862. Deed by private parties in 1849.
Deadman's Island, being lot 1, sec. 19, T. 5 S., R. 13 W., San Bernardino meridian.	2.00	President's order, Mar. 15, 1872.
Camp Gaston, in T. 8 N., R. 5 E., of Humboldt meridian, within Hoopa Valley Indian Reservation.	451.50	President's order, Apr. 2, 1869.
Fort Hill or Monterey, at Monterey.....	(a)	President's order, Nov. 23, 1866.
Island called Red Rock, Golden Rock, or Molate, in sec. 17, T. 1 N., R. 5 W., Mount Diablo meridian.	7.52	Secretary of Interior, Mar. 2, 1858; President's order, Oct. 21, 1882.
Presidio Military Reserve, Fort Point, on San Francisco Bay.	1,479.94	President's orders, Nov. 6, 1850, and Dec. 31, 1851; act of Congress, May 9, 1876 (19 Stat. L., 52).

a Area not known.

b Area of island not known.

c Unsurveyed.

Names and locations of existing military reservations in the public-land States and Territories which appear of record in the General Land Office—Continued.

Name and location of reservation.	Area in acres.	Date of President's order or other authority, and remarks.
CALIFORNIA—continued.		
Point San Jose (originally included within the Presidio Reserve No 1).	57.89	President's orders, Nov. 6, 1850, and Dec. 31, 1851; act of Congress, July 1, 1870 (16 Stat. L., 186).
Point Loma (San Diego), at San Diego Harbor: "To include that portion of the peninsula lying on west side of entrance to the harbor, which shall be included between the southernmost point of the peninsula (Punta de Loma) and a line drawn across said peninsula from the harbor to the ocean, at a distance of 1½ miles above Punta de Guisanas."	(a)	President's order, Feb. 26, 1852.
San Pedro Bay, in T. 5 S., Rs. 13 and 14 W., S. B. M. This tract of land was originally a public reservation by cession from Mexico under treaty of Gaudalupe-Hidalgo, concluded Feb. 2, 1848.	b 40.00	President's order, Sept. 14, 1888.
Sausalito Bay Point: From southern boundary of Sausalito Bay, a line parallel to the channel of entrance to the Pacific.	(c)	President's order, Nov. 6, 1850.
Three Brothers, Three Sisters, and Marine islands, in entrance to the San Pablo Bay.	(d)	President's order, Oct. 25, 1867.
Yerba Buena Island (Camp Reynolds), in San Francisco Bay.	(a)	President's orders, Nov. 6, 1850, and Oct. 12, 1866.
Total in California.....	2,438.75	
FLORIDA.		
North end of Amelia Island (Fort Clinch), fractional sec. 8, T. 3 N., R. 29 E.; fractional sec. 11 and lots 1 and 2 of sec. 14, T. 3 N., R. 28 E.	419.44	Declared by President's order, Feb. 9, 1842. Lot 2 of sec. 14 patented to D. L. Yulee, Sept. 5, 1853.
Fort McRae, near Pensacola, in T. 3 S., R. 31 W.: "All the public land within 1 mile of the fort on Fosters Bank."	(a)	President's order, Feb. 9, 1842.
North Key, in Tps. 15 and 16 S., R. 12 E.....	159.48	President's order, Mar. 2, 1840; order of Secretary of War, Mar. 23, 1849. Originally reserved as a part of Cedar Keys, although Mullet Key is not one of the Cedar Keys, but is at the entrance of Tampa Bay.
Snake Key, in T. 16 S., R. 13 E.....	52.17	
Mullet Key, in T. 33 S., R. 16 E.....	842.29	
At Charlotte Harbor: "The south end of Gasparilla Island for a distance of 2 miles from its southern extremity, in T. 43 S., R. 20 E., and the north end of Boca Grande or Cayo Costa Island for a length of 2 miles from its northern extremity," in T. 43 S., R. 20 E., and T. 44 S., Rs. 20 and 21 E.	2,143.38	Secretary of War, Mar. 23, 1849; President's order, Nov. 17, 1882.
Dry Tortugas (including Fort Jefferson).....	(c)	President's order, Sept. 17, 1845.
Egmont Island, at entrance to Tampa Bay, in T. 33 S., R. 15 E.	f 392.77	Secretary of War, Mar. 23, 1849; Executive order, Nov. 17, 1882.
Flag Island, in St. George Sound.....	(c)	Secretary of War, Mar. 23, 1849; Executive order, Nov. 17, 1882.
Mantanzas Inlet or Fort, in sec. 14, T. 9 S., R. 30 E.	(c)	Secretary of War, Mar. 23, 1849.
Fort Barrancas in fractional secs. 2, 3, 4, and 5, T. 3 S., R. 30 W., and fractional secs. 1, 3, 16, 27, and unsurveyed lands south of fractional secs. 16 and 27 and north and east of claim of Joaquin Barilla in T. 3 S., R. 31 W.	2,500.00	Included in limits of naval reservation per act of Congress approved Apr. 22, 1826, and declared by President's order dated Jan. 10, 1838. President's order, May 11, 1844, transferred 1,667 acres to military authorities, and by President's orders dated May 21, 1888, and Oct. 2, 1891, boundaries were enlarged by transferring sufficient land to form present area.
Anastasia Island.....	(a)	President's order, May 4, 1893, reserves SE ¼ sec. 21, all fractional sec. 22, NE ¼ NE ¼ sec. 28, and all sec. 27 in T. 7 S., R. 30 E., Florida; also all the lands formed by the sea since survey, 1855, lying east of said lands and between the north boundary line prolonged of said SE ¼ of sec. 21, and the south boundary line prolonged of said sec. 27.
Fort Pickens, all of Santa Rosa Island.....	(a)	Land deeded to the United States May 28, 1828; President's order, July 2, 1888.
At St. Andrew Sound: "The tongue or neck of land called Crooked Island, east of the several entrances along the coast."	(a)	Secretary of War, Mar. 23, 1849.

a Area not known.

b About.

c Area not stated.

d Unsurveyed; area not known.

e Area of island not known.

f Present area not known.

Names and locations of existing military reservations in the public-land States and Territories which appear of record in the General Land Office—Continued.

Name and location of reservation.	Area in acres.	Date of President's order or other authority, and remarks.
FLORIDA—continued.		
At St. Andrews Bay: Lots 1 and 2, sec. 4; lots 1, 2, 3, and 4, sec. 5; lots 1 and 2, sec. 6, and fractional secs. 8 and 9, T. 5 S., R. 14 W., including Hurricane Island, as shown upon Coast Survey Chart No. 184; also lots 2 and 3, sec. 15; lots 1, 2, 3, 4, and 5, sec. 22; lots 1, 2, 3, and 4, sec. 23; lot 2, sec. 25; lots 1, 2, and 3, sec. 26, and fractional secs. 27 and 35, T. 4 S., R. 15 W.	a 1,483.84	President's order, May 3, 1897.
At St. Augustine the following named tracts:		
1. Site of Fort Marion and adjacent lands.....	(b)	Secretary of War, Oct. 12, 1838, and Mar. 23, 1849.
5. Spanish governor's house	(b)	
6. Treasury lot	(b)	
8. St. Francis barracks and grounds	(b)	
9. Military hospital lot		
10. Powder house lot		
11. Two small islands in the Matanzas River, St. Augustine Harbor.	(b)	President's order, May 31, 1892.
At St. Joseph Bay: "The whole neck or peninsula forming the bay of St. Joseph from its northern extremity, or Point St. Joseph, to its connection with the mainland at the eastern shore of the bay, including Cape San Blas," in T. 9 S., R. 11 W., and Ts. 7, 8, and 9 S., R. 12 W.	3,851.21	Secretary of War, Mar. 23, 1849, besides what had been sold prior to date of order.
Santa Rosa Sound: "So much of the point opposite to and east of the east end of Santa Rosa Island as lies in T. 2 S., R. 22 W."	5,958.20	President's order, Feb. 9, 1842.
Santa Rosa Island: All that portion of Santa Rosa Island which was formerly a naval reserve and relinquished to the Department of the Interior, Feb. 25, 1880, the same attached to and made a part of Fort Pickens Military Reservation, and embracing the entire area of Santa Rosa Island.	Unsurveyed.	President's order, July 2, 1888.
Key West, or Thompson Island	(a)	Land said to have been deeded to the United States. Key covered by private land claim, confirmed by Congress in 1828. (See act of July 22, 1876, 19 Stat. L., 96.)
Key West Shoals, SW. point of Key West	(a)	President's order, Sept. 17, 1845.
Haulover Canal, 1,000 feet each side from the center, in sec. 29, T. 20 S., R. 36 E.	(a)	President's orders, Aug. 20, 1886, and Feb. 11, 1897, reserves all lands owned by Government on Key West, Virginia Key, and Key Biscayne.
Lot 2, sec. 4; lots 1 and 2, sec. 9, T. 3 S., R. 29 W., and fractional sec. 1, T. 3 S., R. 30 W., Florida.	270.39	President's order, Aug. 21, 1897.
Total in Florida as far as known or estimated.	18,073.17	
IDAHO.		
Fort Boise, in Boise Valley, one-half mile from Boise City.	638.00	President's order, Apr. 9, 1873.
Fort Hall, within the Fort Hall Indian Reservation, in T. 3 N., R. 38 E.	646.50	President's order, Oct. 12, 1870.
Total in Idaho	1,284.50	
ILLINOIS.		
Fort Armstrong (Rock Island), in fractional T. 18 N., Rs. 1 and 2 W., fourth principal meridian.	a 750.00	Request of Secretary of War, Mar. 2, 1825, and Sept. 11, 1835. By act of Congress approved June 27, 1866 (14 Stat. L., 75), certain small islands were added to the reserve and right of way was granted to the Rock Island R. R. Co. Act of Apr. 2, 1844 (6 Stat. L., 908), allowed George Davenport to enter the SE. $\frac{1}{4}$ sec. 25, T. 18 N., R. 2 W.
Maple Island (within limits of two surveyed islands), in secs. 19 and 30, T. 5 N., R. 9 W., third principal meridian, in the Mississippi River, reserved in connection with the rectification and improvement of the channel of the river.	(a)	President's order, June 13, 1895.
Total in Illinois as far as known or estimated.	c 750.00	

a Estimated area.

b Area not known.

c About.

Names and locations of existing military reservations in the public-land States and Territories which appear of record in the General Land Office—Continued.

Name and location of reservation.	Area in acres.	Date of President's order or other authority, and remarks.
KANSAS.		
Fort Leavenworth, on west bank of Missouri River, in T. 8 S., R. 22 E.	a 2,750.00	President's order, Oct. 10, 1854. Diminished by direction of Secretary of the Interior in 1861. See also act of July 27, 1863 (15 Stat. L., 238); joint resolution Feb. 9, 1871 (16 Stat. L., 594); act of July 20, 1868 (15 Stat. L., 392).
Fort Riley, in Ts. 11 and 12 S., Rs. 5 and 6 E.	b 19,899.22	President's order, May 5, 1855. Reduced in area under joint resolution of July 26, 1866 (14 Stat. L., 367), and order of President thereunder of July 19, 1867. Further reduced under act of Mar. 2, 1867 (14 Stat. L., 573).
Total in Kansas.....	22,649.22	
LOUISIANA.		
Battery Bienvenue, in T. 12 S., R. 13 E., east of river; "The public lands, 1,200 yards each way from the fort."	(c)	President's order, Feb. 9, 1842.
Fort Livingston, on west end of Grand Terre Island.	126.16	Purchased by United States in January, 1834.
Fort Jackson, sec. 50, T. 20 S., R. 30 E., southeast district, west of Mississippi River.	740.97	President's order, Feb. 9, 1842.
Fort Pike, consisting of "the public lands within 1,200 yards of Fort Pike."	(c)	President's order, Feb. 9, 1842. All the land has been patented to the State as swamp, except sec. 19 of T. 10 S., R. 15 E., southeast district, east of river and south of Great Rigolet. Area of reserve in sec. 19 not known.
Fort St. Philip, sec. 11, T. 19 S., R., 17 E., south east district, east of river.	556.12	President's order, Feb. 9, 1842.
Tower Dupres: "All the public lands within 1,200 yards of the fort." in T. 13 S., R. 14 E., east of Mississippi River.	(d)	President's order, Feb. 9, 1842. Lands found to be covered by a private land claim.
Fort Macomb, on Pass Chef Menteur: "All the public lands within 1,200 yards from the fort."	(c)	President's order, Feb. 9, 1842. (See Executive order June 20, 1896, relinquishing part of Fort Macomb.)
Proctor Landing, on Lake Borgne.....	a 92.00	Purchased Mar. 15, 1856.
United States barracks and land adjoining and above same, near New Orleans, on left bank Mississippi River, about 3 miles above city.	(c)	Purchased by United States, Dec. 14, 1833, and May 17, 1848.
Baton Rouge Arsenal, adjoining Baton Rouge..	(c)	Purchased in 1814.
Total in Louisiana, as far as known or estimated.	1,515.25	
MICHIGAN.		
First area between south boundaries of claims Nos. 95 and 96 and north boundary of canal grant in T. 47 N., R. 1 E.; second area between north line of Canal street and south boundary canal grant shown in diagram with order.	(c)	President's order, May 9, 1885.
St. Marys Falls Canal Reserve, in sec. 6, T. 47 N., R. 1 E.	9.41	President's order, June 10, 1882.
Improvement of Hay Lake Channel, St. Marys River, lots 5 and 6, sec. 2; and lot 3, sec. 3, T. 45 N., R. 2 E.	145.90	President's order, Oct. 30, 1884. Executive order, Oct. 12, 1889, reserves islands Nos. 1, 2, 3, and 4, in sec. 6, T. 47 N., R. 1 E., for use in connection with improvement of St. Marys River at Hay Lake Channel.
Fort Brady.....	2,573.10	President's order, Jan. 19, 1895, reserves following tracts for rifle range and other military purposes in connection with post of Fort Brady: N. $\frac{1}{2}$ NW. $\frac{1}{4}$ SW. $\frac{1}{4}$ NW. $\frac{1}{4}$ and W. $\frac{1}{2}$ SW. $\frac{1}{4}$ sec. 5, E. $\frac{1}{2}$ and E. $\frac{1}{2}$ W. $\frac{1}{2}$ sec. 6, N. $\frac{1}{2}$ NE. $\frac{1}{4}$ and NE. $\frac{1}{4}$ NW. $\frac{1}{4}$ sec. 7, T. 45 N., R. 4 W.; S. $\frac{1}{2}$ NW. $\frac{1}{4}$, N. $\frac{1}{2}$ SW. $\frac{1}{4}$, and SE. $\frac{1}{4}$ SW. $\frac{1}{4}$ sec. 28, S. $\frac{1}{2}$ N. $\frac{1}{2}$ and S. $\frac{1}{2}$ sec. 29, S. $\frac{1}{2}$ N. $\frac{1}{2}$, E. $\frac{1}{2}$ SW. $\frac{1}{4}$, and SE. $\frac{1}{4}$ sec. 30, S. $\frac{1}{2}$ NE. $\frac{1}{4}$ and E. $\frac{1}{2}$ NW. $\frac{1}{4}$ sec. 31, W. $\frac{1}{2}$ and NW. $\frac{1}{4}$ NE. $\frac{1}{4}$ sec. 32, T. 46 N., R. 4 W.; S. $\frac{1}{2}$ N. $\frac{1}{2}$ sec. 25, T. 46 N., R. 5 W.

a Approximate present area.

b About.

c Area not known.

d Area not stated.

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Names and locations of existing military reservations in the public-land States and Territories which appear of record in the General Land Office—Continued.

Name and location of reservation.	Area in acres.	Date of President's order or other authority, and remarks.
MICHIGAN—continued.		
The unsurveyed islands in secs. 9 and 10, T. 47 N., R. 1 E.	(c)	Secretary of the Interior, Sept. 5, 1885.
Fort Wayne, near city of Detroit	(b)	President's order, Sept. 22, 1885. Land deeded to the United States June 3, 1842, and Apr. 15, 1844.
Total in Michigan, as far as known.....	2,728.41	
MINNESOTA.		
Fort Snelling, at junction of Mississippi and Minnesota rivers.	(b)	Reservation made at the request of Secretary of War, July 13, 1839, and Secretary of Treasury, July 15, 1839. President's orders, dated May 25, 1853, and Nov. 16, 1853. Act of Congress approved Aug. 26, 1852 (10 Stat. L., 36), and order of Secretary of War thereunder, dated Mar. 13, 1854. Joint resolution of Congress approved May 7, 1870 (16 Stat. L., 376). Reduction approved by Secretary of War, Jan. 1, 1874.
Reservation on St. Louis River, in Minnesota, lot 1, sec. 20, T. 49 N., R. 13 W.	7.32	President's order, Mar. 13, 1854.
Total in Minnesota, except Fort Snelling..	7.32	
MISSOURI.		
Grand Tower Rock, in Mississippi River, which, if surveyed, would be in sec. 20, T. 34 N., R. 14 E. of fifth principal meridian.	(b)	President's order, Feb. 24, 1871.
Fort Leavenworth, on east bank of Missouri River, in Ts. 52 and 53 N., R. 36 W. of fifth principal meridian.	c 1,000.00	President's order, June 21, 1838. Portion of reserve released by Secretary of War Mar. 1, 1841. Present reserve is in R. 36 W.
S. $\frac{1}{4}$ SE. $\frac{1}{4}$ and SE. $\frac{1}{4}$ NE. $\frac{1}{4}$ sec. 15, and the NW. $\frac{1}{4}$ NE. $\frac{1}{4}$ sec. 22, T. 33 N., R. 4 E. fifth principal meridian, Missouri, reserved as a target range for use of troops stationed at Jefferson Barracks, Mo.	160.00	President's order, Sept. 19, 1898.
Total in Missouri, as far as known or estimated.	1,160.00	
MONTANA.		
Camp Baker, in T. 11 N., R. 4 E.	2,400.00	President's order, May 16, 1871.
Fort Keogh, at mouth of Tongue River.....	c 57,619.00	President's order, Mar. 14, 1878. General Orders, No. 6, Headquarters Department of Dakota, Feb. 18, 1880, describes the ferry or bridge site on east bank of river.
Fort Assiniboine, mostly between the Milk and Missouri rivers, and within the reservation for the Gros Ventre, Piegan, and other Indians.	d 168,640.00	President's orders, Mar. 4, 1880, June 16, 1881.
Fort Missoula:		
Original reserve: Sec. 31, T. 13 N., R. 19 W. . .	640.00	President's order, Feb. 19, 1877.
Additional reserve: S. $\frac{1}{4}$ NE. $\frac{1}{4}$ and SE. $\frac{1}{4}$ sec. 25, T. 13 N., R. 20 W., the S. $\frac{1}{4}$ NE. $\frac{1}{4}$, S. $\frac{1}{4}$ NW. $\frac{1}{4}$, SE. $\frac{1}{4}$ of SE. $\frac{1}{4}$, NE. $\frac{1}{4}$ of SW. $\frac{1}{4}$, and W. $\frac{1}{4}$ of SW. $\frac{1}{4}$, sec. 30, T. 13 N., R. 19 W.	560.23	President's order, Aug. 5, 1878.
Timber reserve on unsurveyed land.....	1,577.41	President's order, June 10, 1879.
National cemetery of Custer's battlefield.....	640.00	President's order, Dec. 7, 1886.
Total in Montana, as far as known or estimated.	232,056.84	
NEBRASKA.		
Fort McPherson National Cemetery.....	107.00	President's orders, Oct. 13, 1873, and Jan. 5, 1887.
Camp Robinson, on White River, at mouth of Spring Creek:		
Post reserve.....	12,800.00	President's orders, Nov. 14, 1876, and June 28, 1879.
Timber reserve, 4 miles square	10,240.00	President's order, Nov. 4, 1879.
a Area not stated.	b Area not known.	c About. d Estimated.

Names and locations of existing military reservations in the public-land States and Territories which appear of record in the General Land Office—Continued.

Name and location of reservation.	Area in acres.	Date of President's order or other authority, and remarks.
NEBRASKA—continued.		
Fort Niobrara: Post reserve: Secs. 26 and 35 of T. 34 N., secs. 2, 3, 10, 11, T. 33 N., and all that part of secs. 22, 23, 27, 33, and 34 of T. 34 N., and of secs. 4, 5, 8, 9, T. 33 N., lying on the right (south and east) bank of Niobrara River, all in R. 27 W., of the sixth principal meridian.	5,474.84	President's order, Dec. 10, 1879.
Wood and timber reserve: All that part of T. 34 N., R. 27 W., not already embraced within the existing reservation, excepting secs. 16 and 36 (school sections); the NE. $\frac{1}{4}$ of NE. $\frac{1}{4}$ sec. 28; the NW. $\frac{1}{4}$ of NW. $\frac{1}{4}$ and lots 2 and 3 of sec. 27; the NE. $\frac{1}{4}$ of SW. $\frac{1}{4}$, the W. $\frac{1}{4}$ of SW. $\frac{1}{4}$, and lot 3 of sec. 22; the E. $\frac{1}{4}$ of SE. $\frac{1}{4}$ and S. $\frac{1}{4}$ of NE. $\frac{1}{4}$ of sec. 25; the E. $\frac{1}{4}$ of NW. $\frac{1}{4}$, the E. $\frac{1}{4}$ of SW. $\frac{1}{4}$, and lots 1, 2, 3, and 4 of sec. 31, and the NE. $\frac{1}{4}$ of sec. 33.	-----	-----
In T. 34 N., R. 26 W., all of secs. 5, 6, 7, 8, 17, 18, 29, 31, and 32; all of sec. 19, except lots 2, 3, 4, and 5; all of sec. 20, except the N. $\frac{1}{4}$ of SE. $\frac{1}{4}$, and lots 5, 6, 7, and 8, and all of sec. 30, except the E. $\frac{1}{4}$ of NW. $\frac{1}{4}$ and lots 1 and 2. In T. 39 N., R. 26 W., all of secs. 5, 6, 7, and 8. In T. 33 N., R. 27 W., all of secs. 1 and 12.	28,817.48	President's order, June 6, 1881.
(To the above was added the E. $\frac{1}{4}$ of SE. $\frac{1}{4}$ and S. $\frac{1}{4}$ of NE. $\frac{1}{4}$ sec. 25, T. 34 N., R. 27 W., and at the same time there was excluded the W. $\frac{1}{4}$ of SE. $\frac{1}{4}$ and S. $\frac{1}{4}$ of SW. $\frac{1}{4}$ of sec. 30 of the same township and range.)	-----	President's order, Apr. 29, 1884.
Restored to control of Secretary of the Interior 720 acres of Fort Niobrara Military Reservation, embracing the NW. $\frac{1}{4}$ sec. 29, NE. $\frac{1}{4}$ and E. $\frac{1}{4}$ SE. $\frac{1}{4}$ sec. 30, and S. $\frac{1}{4}$ sec. 31, T. 34 N., R. 27 W., Nebraska, for disposal under act of July 5, 1884.	57,439.32 720.00	President's order, May 7, 1896.
Total in Nebraska	56,719.32	
NEW MEXICO.		
Fort Bayard, in T. 17 S., Rs. 12 and 13 W.	8,840.00	President's order, Apr. 19 1869.
Fort Sumner Post Cemetery, situated in NE. $\frac{1}{4}$ sec. 15 and NW. $\frac{1}{4}$ sec. 14, T. 2 N., R. 26 E.:		
These two subdivisions contain	320.00	President's order, May 22, 1871.
Fort Union falls within the confirmed private land grant Mora:		
Post and timber reserve	66,880.00	President's order, Oct. 9, 1868.
Fort Wingate, in Tps. 13, 14, and 15 N., Rs. 15, 16, and 17 W.	83,200.00	President's orders, Feb. 18, 1870, and Mar. 26, 1881.
Total in New Mexico	159,240.00	
NORTH DAKOTA.		
Lot 11, sec. 34, T. 138 N., R. 80 W., fifth principal meridian. {	8.00	{ President's order, May 17, 1899.
Lot 13, sec. 34, T. 138 N., R. 80 W., as an addition to Fort Lincoln. }	39.40	{ President's order, Aug. 31, 1899.
Total in North Dakota	47.40	President's order, June 8, 1901.
OREGON.		
Sand Island, in secs. 14, 23, and 24, T. 9 N., R. 11 W.	192.07	President's order, Aug. 29, 1863.
Point Adams (Fort Stevens), in T. 10 N., R. 10 W.; fractional secs. 5 and 6 and N. $\frac{1}{4}$ secs. 7, 8, and 9.	1,250.11	President's order, Feb. 26, 1852. A donation claim covers some 400 acres of the reservation.
For improvement of Coos Bay and Harbor: Lots 1, 2, 3, and the SW. $\frac{1}{4}$ of NW. $\frac{1}{4}$ of Sec. 2, and lots 1 and 2 and SE. $\frac{1}{4}$ of NE. $\frac{1}{4}$ of sec. 3, T. 26 S., R. 14 W.	174.27	President's order, July 14, 1884. President's order, Nov. 13, 1889, reserves parts of secs. 27 and 31 and parts of 32; sec. 33 and part of 34, all in T. 24 S., R. 13 W.; parts of secs. 4 and 5; sec. 6; parts of secs. 7, 18, and 19, T. 25 N., R. 13 W.; parts of secs. 12, 13, and 23, and parts of 24, 25, and 26, T. 25 S., R. 14 W.

Names and locations of existing military reservations in the public-land States and Territories which appear of record in the General Land Office—Continued.

Name and location of reservation.	Area in acres.	Date of President's order or other authority, and remarks.
OREGON—continued.		
For improvement of Coos Bay and Harbor, etc.....		President's order, Dec. 19, 1899, restores to public domain for disposal so much of land reserved by President's order of Nov. 13, 1889, described as part of sec. 3 and secs. 4 and 9, and parts of secs. 10 and 15; secs. 16, 17, and 20; parts of secs. 21, 22, 28, and 29, T. 48 S., R. 13 W.
North side of Tillamook Head, fractional SW. $\frac{1}{4}$ sec. 29, lots 1 and 2 of sec. 30, and lots 1, 2, 3, and 4 of sec. 31, T. 6 N., R. 10 W.	327.55	President's order, Nov. 4, 1885.
Total in Oregon as far as estimated.....	1,944.00	
OKLAHOMA.		
Fort Reno, in Tps. 12 and 13 N., R. 8 W., Indian meridian.	9,493.00	President's order, July 17, 1883.
Fort Sill wood reserve, in Ts. 1 and 2 N., Rs. 8 and 9 W., Indian meridian.	23,228.96	President's orders, June 4, 1892, and Mar. 11, 1901.
Post reserve (unsurveyed).....	23,040.00	President's order, Oct. 7, 1871.
Post reserve (surveyed).....	26,736.00	President's order, Feb. 26, 1897.
Total in Oklahoma.....	82,497.96	
SOUTH DAKOTA.		
Fort Meade:		
Post reserve in Ts. 5 and 6 N., R. 4 E., Black Hills meridian.	7,840.00	President's order, Dec. 18, 1878.
Timber reservation as follows: Secs. 19, 30, 31, S. $\frac{1}{4}$ sec. 18, and W. $\frac{1}{4}$ of sec. 20, T. 5 N., R. 5 E.; E. $\frac{1}{2}$ of secs. 24 and 25, and SE. $\frac{1}{4}$ of sec. 13, T. 5 N., R. 4 E., Black Hills meridian.	3,344.83	President's order, Apr. 18, 1881. Executive order, Sept. 16, 1889, enlarging the wood and timber reservations as per boundaries described in letter of Secretary of War, dated Sept. 14, 1889. See also President's order, May 27, 1885.
Total in South Dakota as far as known or estimated.	11,184.83	
UTAH.		
Fort Douglas, in Tps. 1 N. and 1 S., R. 1 E.....	2,388.19	President's order, Sept. 3, 1867. Act of Congress, May 16, 1874 (18 Stat. L., 46), gave 20 acres for cemetery for Salt Lake religious bodies; act of Jan. 21, 1885 (23 Stat. L., 285), reduced reserve 151.81 acres.
Reservation for water supply for Fort Douglas..	1,920.00	Act Mar. 3, 1887 (24 Stat. L., 478), added to reserve for water supply. President's order, Mar. 13, 1890, withdraws for use of Fort Douglas, subject to rights of the U. P. R. R. Co., which have attached to odd-numbered sections, secs. 13 and 23, T. 1 N., R. 1 E.; sec. 17, N. $\frac{1}{4}$ sec. 18, and E. $\frac{1}{4}$ sec. 20, T. 1 N., R. 2 E., with exception of SE. $\frac{1}{4}$ SE. $\frac{1}{4}$ sec. 20, T. 1 N., R. 2 E., Salt Lake meridian, Utah. Estimated area outside of land embraced in adjustment list of Central Pacific R. R. Co., which includes secs. 13 and 23, T. 1 N., R. 1 E., and sec. 17, T. 1 N., R. 2 E., Utah 600 acres.
Do	208.56	President's order, June 8, 1896, reserves SW. $\frac{1}{4}$ sec. 26, NE. $\frac{1}{4}$ NE. $\frac{1}{4}$ and lot 1, sec. 34, T. 1 N., R. 1 E., Utah, for use of Fort Douglas.
Fort Du Chesne, in T. 2 S., R. 1 E., Uinta meridian, within the Uinta Indian Reservation.	3,840.00	President's order, Sept. 1, 1887.
Total in Utah (estimated)	8,356.75	
WASHINGTON.		
Port Angeles and Ediz Hook, in Ts. 30 and 31 N., Rs. 5 and 6 W.	(b)	President's orders, July 19, 1862, and Mar. 10, 1863, President's order, May 15, 1893, reserves blocks Nos. 32 and 53 within town site at Port Angeles for customs-service use.

a About.

b Area not known.

Names and locations of existing military reservations in the public-land States and Territories which appear of record in the General Land Office—Continued.

Name and location of reservation.	Area in acres.	Date of President's order or other authority, and remarks.
WASHINGTON—continued.		
Canoe Island, off east coast of Shaw Island.....	43.10	President's order, July 2, 1875, President's order, Feb. 26, 1852.
Cape Daispointment, including Fort Canby, fractional section 9 (except lot 4, reserved for light-house purposes), and part of fractional sections 4 and 5, T. 9 N., R. 11 W.	536.20	
Southwest part of Lopez Island, including Bunch Island and Whale Rocks.	599.30	President's order, July 2, 1875.
Northwest part of Lopez Island, extending from Flat Point to Upright Point. These reserves are in Ts. 34.35, and 36 N., R. 2 W.	634.60	
At Neah Harbor, Strait of Juan de Fuca:		President's order, June 9, 1868. A part of these lands declared reserved were disposed of prior to late of order reserving same, viz: NW. $\frac{1}{4}$ of SW. $\frac{1}{4}$ and lot 3, sec. 1, T. 21 N., R. 2 E.; lot 5 and NE. $\frac{1}{4}$ of SE. $\frac{1}{4}$ sec. 2, T. 21 N., R. 2 E., and SW. $\frac{1}{4}$ of SW. $\frac{1}{4}$ of sec. 33, T. 22 N., R. 2 E.
1. Wa-addah Island.....	a 29.00	
2. Tract east side of harbor.....	a 400.00	
3. Tract west side of harbor.....	a 400.00	President's order, July 2, 1875. President's order dated Mar. 2 and May 20, 1889, amended President's order of July 2, 1875, confining the military reservation on San Juan Island to certain lots and subdivisions in secs. 7 and 8, in T. 34 N., Rs. 2 and 3 W., making an aggregate of 640 acres.
At Narrows of Puget Sound:		
1. South end of Vashons Island.....	633.60	President's order, July 2, 1875.
All in Ts. 21 and 22 N., R. 2 E.		
San Juan Island:		President's order, July 2, 1875. President's order dated Mar. 2 and May 20, 1889, amended President's order of July 2, 1875, confining the military reservation on San Juan Island to certain lots and subdivisions in secs. 7 and 8, in T. 34 N., Rs. 2 and 3 W., making an aggregate of 640 acres.
Southeast point of island, including Goose Island and Rocky Peninsula, in T. 34 N., R. 2 W.	640.00	
Northeast point of island, including Reed Rock (in secs. 1, 2, 11, 12, and 13, T. 35 N., R. 3 W.).	598.33	
Shaw Island:		President's order, July 2, 1875.
West end of island, mostly in T. 36 N., R. 2 W.	515.30	
Eastern reserve on island, mostly in T. 36 N., R. 2 W.	594.90	President's order, July 31, 1865. Order of Secretary of War, Oct. 29, 1853. President's order, Jan. 5, 1878 ($\frac{16}{100}$ of an acre was granted to Catholic mission).
Fort Three Tree Point, in T. 9 N., R. 7 W.....	640.00	
Fort Vancouver, in T. 2 N., R. 1 E.....	639.54	President's order, May 13, 1859. Hay and timber reserve granted away or sold.
Fort Walla Walla, part of the post reserve remaining unsold.	619.57	
Fort Spokane, on Spokane River.....	640.00	Order of Secretary of Interior, June 24, 1881. President's order, Jan. 12, 1882; President's order, Nov. 17, 1887.
Fort Townsend, in secs. 21, 22, 27, 28, and 33, T. 30 N., R. 1 W.	621.97	
Lot 9, sec. 22, T. 9 N., R. 10 W., reserved in connection with existing reservation at Chinook Point, also known as Scarborough Head or Hill.	33.00	President's order, Apr. 30, 1896, revokes order of Apr. 1, 1895, transferring the reservation declared by President's order of Jan. 29, 1859, to the control of the Secretary of the Interior for disposal, and again reserves the land.
Reservations as follows at points where the title should be found to be in the United States, viz:		President's order, May 8, 1899.
1. On north side of New Dungeness Harbor, embracing all the peninsula to its junction with the mainland, in T. 31 N., R. 4 W.	258.63	
2. South side of New Dungeness Harbor, in T. 31 N., Rs. 3 and 4 W.	628.00	President's order, Sept. 22, 1866.
3. On west side of entrance to Washington Harbor, in T. 30 N., R. 3 W.	614.00	
4. East side of entrance to Washington Harbor, T. 30 N., R. 3 W.	b 404.00	All disposed of before order issued.
5. Clallam Point, T. 30 N., R. 2 W.....	614.00	
6. Opposite Clallam Point, in T. 30 N., Rs. 1 and 2 W.	637.00	President's order, Sept. 22, 1866.
7. Protection Island, in Ts. 30 and 31 N., R. 2 W.		
8. Opposite Protection Island, in T. 30 N., R. 1 W.	624.25	All disposed of before order issued.
9. Vancouver Point, in Ts. 29 and 30 N., R. 2 W.	608.00	
10. Point Wilson, in T. 31 N., R. 1 W.....	464.00	All disposed of before order issued.
11. Point Hudson, in T. 30 N., R. 1 W.....		

a About.

b Excluding lands embraced in donation claim of George H. Gerrish, per President's order, Jan. 9, 1893.

Names and locations of existing military reservations in the public-land States and Territories which appear of record in the General Land Office—Continued.

Name and location of reservation.	Area in acres.	Date of President's order or other authority, and remarks.
WASHINGTON—continued.		
Reservations as follows at points where the title should be found to be in the United States, viz:—Continued.		
12. Admiralty Head, in T. 31 N., R. 1 E.	450.00	President's order, Sept 22, 1866. This order declared reservations of 640 acres each where the title to the lands should be found in the United States, but upon final designation of the reservation by the War Department the areas were reduced below 640 acres, as per this table. Quite a number of legal subdivisions within the limits designated were found to have been disposed of prior to date of order, which reduces the area reserved below the figures here stated. Exact reserved area not calculated.
13. Marrowstone Point, in T. 30 N., Rs. 1 E. and 1 W. By Executive order, Nov. 14, 1896.	590.00	
N. $\frac{1}{2}$ of SW. $\frac{1}{4}$ sec. 17, and that part of lot 6 of sec. 18, T. 30 N., R. 1 E., W. M., not already embraced in the reservation as per Executive order of Sept. 22, 1866, was reserved in connection with Marrowstone Point Reservation.	658.00	
14. North of entrance to Deception Pass, including two islands in the pass, in T. 34 N., R. 1 E.	550.00	
15. South entrance to the pass, in T. 34 N., R. 2 E.	630.00	
16. Two islands east of Deception Pass, in T. 34 N., R. 2 E.	140.00	
17. Tala Point, in T. 28 N., R. 1 E.	615.25	
18. Hoods Head, in T. 28 N., R. 1 E.	614.25	
19. Foulweather Point, in T. 28 N., Rs. 1 and 2 E.	602.20	
20. Double Bluffs, fractional secs. 26, 27, 28, and lots 4 and 5, sec. 22 of T. 29 N., R. 2 E.	626.25	
21. Point Defiance, in T. 21 N., R. 2 E.	631.00	See preceding remarks.
25. Whidbey's Island, most northerly point, in T. 34 N., Rs. 1 and 2 E.	602.00	
Goose Island, situate in the Strait of Juan de Fuca, off the southeastern part of San Juan Island, in the SE. $\frac{1}{4}$ of the NE. $\frac{1}{4}$ of sec. 8, T. 24 N., R. 2 W.		President's order, Jan. 9, 1889.
On N. side of entrance to Gig Harbor, lots 5 and 6, sec. 5, and lot 1, sec. 8, T. 21 N., R. 2 E.	81.80	President's order, Apr. 3, 1901.
Total in Washington	19,770.04	
WISCONSIN.		
Stone quarry, fractional secs. 25, 26, and 36, T. 28 N., R. 25 E.	1,046.10	Request of Secretary of War and order of Secretary of the Treasury, Sept. 1, 1837.
WYOMING.		
Fort D. A. Russell, adjoining city of Cheyenne, in T. 14 N., R. 67 W.	4,512.00	President's order, June 28, 1869.
Wood reserves for Forts Sanders, D. A. Russell, and Cheyenne depot, secs. 20, 28, 30, 32, T. 15 N., R. 71 W.	2,540.61	President's orders, Nov. 4, 1879, and Feb. 25, 1880.
Crow Creek Forest Reserve, in Ts. 14 and 15 N., Rs. 71 and 72 W., transferred to control of War Department as a military reservation.	56,132.96	President's order, Oct. 9, 1903. This reservation includes secs. 20, 28, 30, and 32 T. 15 N., R. 71 W. (2,540.60 acres), reserved by President's orders of Nov. 4, 1879, and Feb. 25, 1880, as a wood and timber reservation in connection with Forts Sanders, D. A. Russell, and Cheyenne depot.
Fort Fred. Steele National Cemetery		Secretary of War, Nov. 19, 1886. Area not known.
Fort Washakie, within the Shoshone Indian Reservation. In T. 56 N., R. 84 W., secs. 7 and 8; the NW. $\frac{1}{4}$ and the W. $\frac{1}{2}$ NE. $\frac{1}{4}$ sec. 17; lots 1, 2, and 3, and E. $\frac{1}{2}$ NW. $\frac{1}{4}$ and NE. $\frac{1}{4}$ SW. $\frac{1}{4}$ sec. 18; the SW. $\frac{1}{4}$ of the NW. $\frac{1}{4}$ and W. $\frac{1}{2}$ SW. $\frac{1}{4}$ sec. 20. Lot 1 and NE. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ and NW. $\frac{1}{4}$ NE. $\frac{1}{4}$ sec. 30, and lots 2 and 3, sec. 31. In T. 56 N., R. 85 W., the W. $\frac{1}{2}$ sec. 1. All of secs. 2, 11, 12, 13, and all of sec. 14, except the S. $\frac{1}{2}$ SE. $\frac{1}{4}$ thereof. E. $\frac{1}{2}$ sec. 16, T. 56 N., R. 84 W.	5,493.78	President's orders, Nov. 2, 1898, and Dec. 13, 1898.
	320.00	General orders, No. 92, Aug. 7, 1902, Adjutant-General's Office, War Department.
Total in Wyoming	82,135.16	
Total area of military reservations in the public-land States and Territories, as far as known or estimated.	876,687.62	

GENERAL INSTRUCTIONS.

The following are the general instructions issued to surveyors-general for the fiscal year ended June 30, 1904, the instructions to the surveyor-general of Utah being taken as an example:

"By the act of Congress approved March 3, 1903, making appropriations for sundry civil expenses of the Government for the fiscal year ending June 30, 1904 (Laws 1902-3, p. 1116), there was appropriated:

"For surveys and resurveys of public lands, four hundred thousand dollars, at rates not exceeding nine dollars per linear mile for standard and meander lines, seven dollars for township, and five dollars for section lines: *Provided*, That in expending this appropriation preference shall be given, first, in favor of surveying townships occupied, in whole or in part, by actual settlers, and of lands granted to the States by the acts approved February twenty-sixth, eighteen hundred and fifty-seven, and May eleventh, eighteen hundred and fifty-eight, the act approved February twenty-second, eighteen hundred and eighty-nine, and the acts approved July third and July tenth, eighteen hundred and ninety, and, second, to surveying under such other acts as provide for land grants to the several States, except railroad land grants and such indemnity lands as the several States may be entitled to in lieu of lands granted them for educational and other purposes which may have been sold or included in some reservation or otherwise disposed of, and other surveys shall be confined to lands adapted to agriculture and lines of reservations, except in the case of forest reservations and lands within boundaries of forest reservations, except that the Commissioner of the General Land Office may allow, for the survey and resurvey of lands heavily timbered, mountainous, or covered with dense undergrowth, rates not exceeding thirteen dollars per linear mile for standard and meander lines, eleven dollars for township, and seven dollars for section lines, and in cases of exceptional difficulties in the surveys where the work can not be contracted for at these rates compensation for surveys and resurveys may be allowed by the said Commissioner, with the approval of the Secretary of the Interior, at rates not exceeding eighteen dollars per linear mile for standard and meander lines, fifteen dollars for township, and twelve dollars for section lines: *Provided further*, That in the States of California, Colorado, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming, the Territories of Arizona and New Mexico, and the district of Alaska there may be allowed, in the discretion of the Secretary of the Interior, for the survey and resurvey of lands heavily timbered, mountainous, or covered with dense undergrowth, rates not exceeding twenty-five dollars per linear mile for standard and meander lines, twenty-three dollars for township, and twenty dollars for section lines, the provisions of section twenty-four hundred and eleven, Revised Statutes of the United States, authorizing allowance for surveys in California and Oregon are hereby extended to all of the above-named States and Territories and district. And of the sum hereby appropriated there may be expended such an amount as the Commissioner of the General Land Office may deem necessary for examination of public surveys in the several surveying districts, by such competent surveyors as the Secretary of the Interior may select, or by such competent surveyors as he may authorize the surveyor-general to select, at such compensation not exceeding six dollars per day, and such per diem allowance in lieu of subsistence not exceeding three dollars, while engaged in field examinations, as he may prescribe, said per diem allowance to be also made to such clerks who are competent surveyors who may be detailed, to make field examinations in order to test the accuracy of the work in the field, and to prevent payment for fraudulent and imperfect surveys returned by deputy surveyors, and for examinations of surveys heretofore made and reported to be defective or fraudulent, and inspecting mineral deposits, coal fields, and timber districts, and for making by such competent surveyors fragmentary surveys and such other surveys or examinations as may be required for identification of lands for purposes of evidence in any suit or proceeding in behalf of the United States."

Deducting from the \$400,000 appropriated the sum of \$80,000 set aside for examinations in the field, there remains available for apportionment among the several surveying districts the sum of \$320,000.

From the \$320,000 available there is hereby apportioned to the district of Utah the sum of \$16,000.

The fund set aside for examinations will be retained under the control of this Office and expended for the maintenance of a corps of competent examiners of surveys, who will be detailed according to the exigencies of the service in the several surveying districts. Employees of this Office, who are competent and experienced

public land surveyors, will also be detailed to make examinations in the several surveying districts whenever such a course is necessary in order to expedite the work in this branch of the service. It is the intention of this Office to have all examinations in the field made by regular examiners of surveys, or office employees detailed for the purpose, except where exigencies arise, making this course impracticable.

The said act of March 3, 1903, making appropriations for sundry civil expenses of the Government for the fiscal year ending June 30, 1904, also appropriates:

"For survey of private land claims in the States of Colorado, Nevada, Wyoming, and Utah, and in the Territories of Arizona and New Mexico, confirmed under the provisions of the act of Congress entitled 'An act to establish a court of private land claims, and to provide for the settlement of private land claims in certain States and Territories,' approved March third, eighteen hundred and ninety-one, and for the resurvey of such private land claims heretofore confirmed as may be deemed necessary, ten thousand dollars, said sum to be also available for office work on such surveys and for the examination of the surveys in the field."

The annual instructions issued under date of August 13, 1902, for the fiscal year ending June 30, 1903, were full and explicit, and the surveying rates for the fiscal year 1904 being the same as for the fiscal year 1903, the said instructions of August 13, 1902, are hereby made applicable to the fiscal year ending June 30, 1904, and you will be governed accordingly.

Please acknowledge receipt.

Very respectfully,

W. A. RICHARDS,
Commissioner.

REPORT OF J. FRANK WARNER, EXAMINER OF SURVEYS, ON CONDITIONS
OF THE PUBLIC LAND SURVEYING SERVICE IN THE DISTRICT OF
ALASKA.

CHEYENNE, WYO., *January 11, 1904.*

SIR: I have the honor to submit herewith the following reports on conditions in Alaska in accordance with your letter dated May 6, 1903:

Establishment of a true meridian at Sitka, Alaska.

Inspection of United States surveyor-general's office at Sitka, Alaska.

General description of lands in Alaska.

Copper River Valley.

Coal mines near Chignik, Alaska.

Town sites.

Examination of instruments used by United States deputy surveyors in Alaska.

Surveying in Alaska.

Tracts of land recommended for surveys in Alaska.

Very respectfully,

J. FRANK WARNER,
Examiner of Surveys.

THE COMMISSIONER OF THE GENERAL LAND OFFICE,
Washington, D. C.

ESTABLISHMENT OF A TRUE MERIDIAN AT SITKA, ALASKA.

[For use in testing the alignment of instruments used by United States deputy surveyors in that Territory in connection with the United States surveyor-general's office.]

Having been directed by the United States surveyor-general to the point on a rock in Sitka where instruments were tested, the bearings to the several well-defined objects being furnished me, I proceed to verify the bearings as follows:

At a point on a solid face of granite about 20 feet surface and situated about 350 links north of the Presbyterian Church, marked by a cross + and the letters U.S.I.M., I set my transit over this point and verify the adjustments, the line of collimation, height of standards, levels, and opposite verniers all being in perfect adjustment. The instrument is a Leitz light mountain transit, horizontal plates reading by opposite verniers to single minutes, which is the least count on the vertical circle, plates and circle 4 inches in diameter, needle $2\frac{3}{4}$ inches long, variation plate and long reversible graduated bubble under the telescope.

Instrument was tested by peg method to determine if the bubble underneath the telescope would run a level line and coincide with the vernier of the vertical circle,

also provided with a prism for observations at great altitudes. Instrument found to be in perfect adjustment.

June 3, 1903, at the point 350 links north of the Presbyterian Church in Sitka, at 11^h 58^m a. m., l. m. t., lat. 57° 02' 40", long. 134° 59' 40", I observe the sun on the meridian by direct observation, the altitude of the highest point being,

55° 13' 00" corrected for refraction 40".
40 subtract.

55 12 20 true altitude of sun's center.
90 00 00
55 12 20

34 47 40 co-alt.
22 15 00 sun's decl. for June 3, 1903, at noon.

57 02 40 N. latitude of station in Sitka.

June 3, 1903, at 5^h p. m., l. m. t., I observe the sun by direct observation; that is, bisect the sun's center.

	Altitude.	Pyramid Peak.	
No. 1.	25° 11' turn from sun	97° 41' to left.	True course S. 5° 05' E.
No. 2.	24 35 turn from sun	98 35 to left.	True course S. 5 03 E.
No. 3.	24 01 turn from sun	99 27 to left.	True course S. 5 05 E.
No. 4.	23 19 turn from sun	100 31 to left.	True course S. 5 05 E.

Calculation for observation No. 1.

Observed altitude 25° 11'
2 refraction; subtract.

25 09 true alt.

90° 00' 00"
25 09 00 true alt.

64 51 00 co-alt.
32° 57' 20" co-lat.=A. C. 0.264410
64 51 00 co-alt.=A. C. 0.043256
67 43 25 co-decl. 9.996527=sin. 82° 45' 52".

2)165 31 45 9.413938=sin. 15 02 27.

82 45 52 212

67 43 25 2)19.718343

15 02 27 9.859171=co-sin. 43° 42' 2

Should turn 87° 24' from sun to be north. 87 24.

180° 00'
97 41 turned from sun to left.

82 19

87° 24'
82 19

S. 5 05 E. to Pyramid Peak.

magnetic declination 29° 35' E.

150 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

June 4, at 7^h a. m. 1.m.t., I observe the sun by direct observation—that is, bisect the sun's center.

	Altitude.	Pyramid Peak.	
No. 1.	29° 44' turn from sun 80° 33' to right.	True course S. 5° 05' E.	
No. 2.	30 42 turn from sun 79 03½ to right.	True course S. 5 04½ E.	
No. 3.	31 14 turn from sun 78 11 to right.	True course S. 5 05 E.	

Calculation for observation No. 2.

Observed altitude, 29° 44' 00"

	1	38	refraction; subtract.
29	42	22	true alt.
90°	00'	00"	
29	42	22	true alt.
60	17	38	co-alt
32°	57'	20"	co-lat. = A. C. 0.264410
60	17	38	co-alt. = A. C. 0.061192
67	39	00	co-decl. 9.993939 = sin. 80° 26' 59"
2)	160	53	58
	80	26	59
	67	39	00
	12	47	59
Should turn	94°	18'	from sun to be north.
180°	00'		
183	33		angle turned from sun.
99	27		
94	18		

S. 5 05 E. to Pyramid Peak.

With the instrument clamped at 5° 05' and directed to Pyramid Peak; this throws the zero of the instrument in the true meridian:

Mount Vestovia bears N. 77° 42' E.

Cross on Greek Church bears S. 77° 33' E.

Northwest corner of United States barracks bears S. 40° 50' E., 375 links distant.

Northeast corner of Presbyterian Church bears S. 30° 46' E., 250 links distant.

Northwest corner of governor's house bears S. 18° 31' W.

To island in Pacific Ocean, 10 miles distant, bears S. 44° 15' W.

Bearings as furnished by surveyor-general:

Mount Vestovia bears N. 78° E.

Cross on Greek Church bears S. 71° 15' E.

Northwest corner of United States barracks bears S. 40° 32' E.

Northeast corner of Presbyterian Church bears S. 31° 12' E.

Northwest corner of governor's house bears S. 18° 46' W.

After these observations were made I was directed by the observer of magnetic declinations, stationed at Sitka, to a meridian established by the Coast and Geodetic Survey, which is a brass peg set in concrete and marked on the top with a cross +, in front of the Presbyterian Church, buried about 8 inches deep from the surface of the street for the south end, and by an iron rod driven firmly in the ground for the north. In order to check my observations, I transit a line from my meridian. Run N. 57° E. to the iron peg, from which the brass peg in front of the Presbyterian Church bears south.

On Sunday night, June 7, 1903, I observe Polaris at 10^h 58^m p. m. by my watch, which is correct l. m. t. for long. 135 W., making watch 1^m 20^s fast for longitude of Sitka.

Eastern elongation comes at $2^h 25^m 25^s$ on Monday morning, June 8.
 $10^h 58^m 00^s$ p. m. time of observation by watch.

1 20 watch fast.

$10^h 56^m 40^s$ p. m. time of observation.

$12^h 00^m 00^s$

10 56 40

1 03 20

2 25 25 a. m. time E. elongation June 8.

$3^h 28^m 45^s$ or $3^h 28.75^m$.
 15°

$$52^\circ 11' = \text{co-sin. } 61314 \times 133' \\ 133$$

$$81.54762 \text{ minutes} = 1^\circ 22'.$$

$1^\circ 22'$ azimuth to be turned to the west, where I mark the meridian.

Pyramid Peak bears S. $5^\circ 05'$ E.

The bearings to these objects from my point on the granite rock were furnished the surveyor-general's office and the two points of the meridian marked by the Coast and Geodetic Survey were also shown the surveyor-general.

On June 6, 1903, I made an inspection of the office of the surveyor-general of Alaska.

The office is situated in Sitka in a frame building, fronting on the main street, on the second floor, consisting of five rooms, viz, surveyor-general's private office, chief of mineral division's room, record room, general storage room, draftsman's room. The rooms are of good size, well lighted, and well furnished.

Employees in surveyor-general's office.—Chief of mineral division, stenographer in same room, chief draftsman.

All accounts of the office are kept by a system of double-entry bookkeeping, comprising a journal, ledger, and cash book, and a register of applications for mineral and non-mineral surveys.

The correspondence, plats, and field notes are all filed and properly indexed.

After a thorough inspection of the office, covering a period of several days, in securing data for examination of surveys in different sections of Alaska, I find the office to be well conducted and to compare favorably with any other office visited in the United States.

The surveyor-general is the head of his force, fully conversant with the general business and has a knowledge of all business transacted. This office on steamer days is also a bureau for general information relating to the land laws and interests of Alaska in general.

The surveyor-general and force employed are courteous and obliging, and the office systematically conducted and arranged. There were some articles of furniture needed. The surveyor-general's requisition including these articles has been honored since my visit. I have no recommendations to make.

GENERAL DESCRIPTION OF LANDS IN ALASKA.

Baranof Island.—Along the route of the steamship the Island of Baranof rises from the sea in mountains covered with a heavy growth of spruce timber, undergrowth and moss, fallen timber covered with moss, and young trees growing out of decayed fallen logs. It is most exceptionally difficult to survey, as a line would have to be cut entirely through the brush and it would be difficult to find any ground firm enough to hold a peg for sighting purposes, as well as impracticable to set a transit firmly. The moss and decayed timber are shaky, being about the only kind of soil. The country above timber line, which is estimated at 2,000 feet, is covered with snow, except where a creek drains to the ocean. Where timber grows along each side it is very slow and exceptionally difficult to survey.

Chicagof Island.—Lies north of Baranof Island; is heavily timbered, rising steep from the sea, but not to such great elevation as Baranof. Is deeply cut by inlets, bays, and streams. The timber and undergrowth are terrific as viewed from a sur-

veying standpoint. It is rough and it would be very difficult to get measurements by chaining. Only a few peaks rise 500 feet above the timber line. Snow does not lie so deeply as on Baranof Island.

Admiralty Island.—Is still lower than the other two islands, and as far as general topography is concerned it could be surveyed, the land not being so steep but more rolling; that is, the land viewed from Chatham Straits extending inland probably 6 miles. The snow had nearly disappeared, or enough so that at this time it could be surveyed north of Killisnoo, but south of this town it is similar to Baranof. Along the strait, looking east, can be seen a range of mountains rising above timber line, covered with snow.

Kodiak Island.—Kodiak Island is mountainous in the interior. The east half of the island is timbered, the west half no timber at all. This island could be surveyed at the maximum rates.

Chignik.—The land along the east shore of the peninsula is mountainous, and could be surveyed at the maximum rates. There is no timber and very little undergrowth. The mountains are not the most difficult to survey.

Cold Bay.—The land in this vicinity on the west shore of the Shelikoff Straits is mountainous, with no timber. It is supposed to be an immense coal-oil field, and considerable prospecting has been done this summer. The country has been plastered with location notices. This country could be surveyed at the maximum rates.

That portion of Alaska lying east of Kodiak Island, along the coast, is of such character, viz, mountainous, dense undergrowth, cliffs, boggy, together with thick weather, that it can not be subdivided under the rules of the present Manual of Surveying, for the following reasons:

First. The contract prices per mile allowed are inadequate.

Second. Solar instruments are useless.

Third. The land can not be measured with the 66-foot chain, by leveling it and dropping the pins.

About \$50 per mile should be allowed. Transit lines should be run. Steel tapes 500 feet long and stadia measurements should be employed.

Copper River Valley.—On Sunday, June 28, 1903, I left Valdez over the military trail leading up Lowe River. Trail in bad condition; a horse plunging and lunging to keep from miring down. In the winter the trail used is lower down along the bottoms of Lowe River; high waters cover the lowlands most of the summer months. This bottom along Lowe River is gravel wash in the river channel, which in some places is a mile wide; that part covered with cottonwood timber and dense alder undergrowth is alluvial, cold and wet. At a point about 12 miles from Valdez the trail leaves the river and crosses over a steep mountain to avoid a canyon, but descends to the valley about 6 miles farther on, where it enters cottonwood timber again. Reached Wortman's ranch in the afternoon.

The land, with the exception of the bottom land, would be exceptionally difficult to survey, owing to its steep mountainous character and being covered with dense undergrowth.

Left Wortman's at 7 a. m. June 29; began ascent of Thomson Pass, grade easy, saddle trail crossing pass at an elevation of 2,400 feet. Arrived at Tieckell road ranch at 10 p. m.; distance, 30 miles. Trail in bad condition.

The land along the trail is covered with a poor quality of spruce timber, and is nearly all covered with dense undergrowth. A mountainous country of the worst possible description viewed from a surveying standpoint.

Left Tieckell at 7 a. m. June 30; arrived at Ernestine at 1 p. m. Traveled through burned spruce timber nearly all the way. The valley through which the trail follows is narrow and poorly timbered. The mountains are steep and high, but not so precipitous as the country near Thomson Pass and north.

July 1. Left Ernestine at 6 a. m. and traveled over a valley, well grassed, which bears northwest from the road ranch. There is very little timber in the valley, which is about 3 miles wide, probably 12 miles long, the first land seen that is available for pasture land. Thence over the Kimball Pass, where the trail runs by easy grades through dense undergrowth and mire holes. At a point on the trail about 7½ miles from Tonsina I leave the mountainous character of the country, prevalent the whole distance from Valdez, and enter on a high mesa, sloping gradually toward the north. This is the Copper River Valley, and a good view is obtained looking north of this country. This mesa is covered with dead poles and dense undergrowth. The land is nearly level except where the rivers and creeks have cut down. The banks or sides of the canyons, showing the white clay, are about three to four hundred feet high. The valleys are narrow and covered with dense undergrowth and cottonwood timber.

July 2. Heavy rain and hail storm flooding the country and rendering travel on the trail nearly impossible. Left Tonsina on foot in a northerly direction and toward the point where the initial monument of the base line will be established. After climbing out of the Tonsina Valley the country is flat and of the same general character as on the south side. I made inquiries of people who have been over or near the line where the principal meridian will run, and from the descriptions given me of the country from the initial point on Burnt Mountain to Copper Center it is identical with the description of the land around Tonsina; that is, after descending on the flat it is covered with spruce timber and dense undergrowth. The line will cross Klutena River near Copper Center, following the bottoms of Copper River in dense undergrowth and cottonwood timber, crossing Copper River three times, thence ascending over bench land about 400 feet above river and of the same general character as bench in the valley, all in dense undergrowth. Crossing Copper River onto the west side again, some parts of the upper valley are open country, rank grass growing in the parks mixed with chaparral brush and also covered with moss.

Running east from the end of the 72-mile point on the third standard parallel north the line will pass over broken foothills and flats 3 or 4 miles wide, thence over ends of spurs six or eight hundred feet high, descending to flats. Spurs heavily timbered; flats covered with dense undergrowth.

From the end of 36 miles on the third standard parallel north the country north over which the line will run is practically unknown except as viewed from a distance. It is a high, rugged, and snow-covered range. I am informed that the last 30 miles of the line will lie in a valley after crossing the high range of mountains.

As this valley has been reported an agricultural section capable of sustaining an immense population, it may not be out of place to mention some of the features noticed. The lower bottoms along the rivers have some protected fertile spots, which will undoubtedly be settled upon by those who will rely on the travel to the mines for their market; but the immense tracts of bench lands, lying between the rivers are a moss-covered, cold, wet, boggy country and it is very doubtful if any race of agricultural people could ever coax a living from the soil. Of one thing I am certain—no farmer of the United States would ever attempt the cultivation of these bench lands after once seeing them.

A trip over the trail, wallowing through bog holes lined with rocks, stumps, logs, and mud to a horse's flank, crossing snow bridges, spanning raging glacial streams, fording deep rivers, shows that a very few farmers would ever get their families into the country.

COAL MINES NEAR CHIGNIK, ALASKA.

In 1899 two veins of bituminous coal were located by C. J. Brown, of Chignik, Alaska, and others, situated about one mile and a half west of survey No. 589, on the Chignik Lagoon, about midway between Homer and Dutch Harbor. The upper vein is 6 feet in thickness, and the lower vein 5 feet with 1 foot of slate intervening, the whole being capped by sandstone. The coal is of good quality. It is only used for household use, none being sold.

The same parties also discovered in 1896 two veins of coal in Hook Bay, 12 miles north of Anchorage Bay. The veins, which are 5 and 6 feet in thickness, capped by sandstone, are located 5 miles from tidewater, and croppings can be traced for one-quarter of a mile. The coal is of better quality.

The Alaska Packers' Association have a coal mine located on the north or left bank of the Chignik River, which is navigable for boats drawing only 3 or 4 feet of water, about 7 miles above their cannery, situated on Chignik Lagoon. The lower vein is 14 to 18 inches thick, and a tunnel has been run in a distance of 500 feet. The tunnel on the upper vein, which is 2 to 3 feet thick, is 400 feet in length. The coal is bituminous, of good quality.

The output is the work of 2 men for six months and 4 men for the other six, the amount mined being about 500 tons yearly, of which amount possibly 75 tons are sold to straggling steamers, the price being \$14 per ton, the remainder being used for cannery purposes and on small tugs and other boats used about their cannery. The mine has been worked for nine years.

TOWN SITES.

The application for the survey of the town site of Valdez, Alaska, was withheld on a statement of two persons claiming residence in Valdez and stating that the S. A. H. claims were in conflict with the town site, and resulting in the cancellation of the S. A. H. claims. The land embraced in the town-site survey is without a single con-

flict of any description. The north line of the town-site survey is about 3 feet south of the line claimed by the military authorities for the cantonment. There is no conflict with the cantonment reservation and the town site.

In 1898 the military landed at Valdez and established a cantonment. Afterwards recommending to the War Department two suitable locations for a permanent military post, Fort Liscum, about 3 miles south, on the opposite side of Valdez Bay, was recommended as one of these locations and was made by the President's order of July 23, 1900, a military post and reservation.

On April 19, 1898, the military set a post at the southwest corner of the cantonment, describing by magnetic courses and distance the land claimed as a military reservation, on the northwest side of the present site of Valdez, embracing 1 mile square. The land was not surveyed, a single line being blazed on the south side of the so-called reservation. This line has since been recognized as such boundary.

Without doubt the military has exercised control by actual occupancy of a tract of land about 400 feet square, erecting rough log cabins and stables, also a corrugated-iron-covered telegraph station, near the southwest corner. They also exercised police control in keeping off the reservation a certain undesirable class of people. But that the military authorities did not object to people residing on the reservation is a fact, as there was prior to 1901 at least six persons living on the land in peaceful possession. Nor could there have been objection by the military to the location and survey of the S. A. H. claims. These claims were begun in February, 1901, posting prior notice and surveyed August, 1901.

The first residence was erected by Von Gunther in 1898 on the S. A. H. claim, No. 336, which he has cultivated, fenced, and improved by continual residence since that date.

On July 25, 1902, the military caused to be posted a notice declaring the reservation to be open or abandoned, afterwards posting the following notice on the telegraph station:

"Notice to the public.

"Notice is hereby given that the Secretary of War has transferred and released to the Department of Justice for public buildings and grounds all that part of the military reservation at Valdez not reserved by the War Department. All persons are warned against going upon or trespassing upon any of these grounds, and trespassers will promptly be ejected therefrom.

"GEO. G. PERRY,

"United States Marshal.

"By Deputy CHARLES DREIBELLIS,

"Deputy United States Marshal."

This notice reserves by the War Department the land on which the telegraph station stands.

In August, 1902, knowledge that the S. A. H. claims on the reservation had been canceled, caused a grand rush for town lots to be made over the S. A. H. claims and other lands on the reserve. At present date, July 1, 1903, there are 166 residences or claim shacks on these grounds and many more in course of construction.

It is evident that this land was not a military reservation as it requires a proclamation by the President to make it such. If it is to be considered a military reservation then it can only be abandoned by an act of Congress.

As the S. A. H. claims have recently been reopened I submit these facts for your consideration, together with affidavits of some of the claimants.

The city council of Valdez has taken steps preparatory for an amended survey of their town site, which will include other grounds than those in the first survey.

HOMER TOWN SITE.

Homer consists of 25 buildings, constructed by a defunct coal-mining company. The former company made the application for the survey for the purpose of showing up the development of the company. There is no call for a survey of the town site; the place is practically deserted—one man living at the place, agent for the Cook Inlet Coal Fields Company. The place consists of 25 buildings, all in good condition, a wharf in a damaged condition, and a railroad to the mine 7 miles west. Rolling stock in sight on track, 10 loaded cars, with 100 sacks of coal lying on the wharf. No mining except development work, and repairing of track being done. The manager of the company is Alfred Ray, 226 Bourse Building, Philadelphia, Pa.

Applications for surveys of town sites coming under my notice which have been dropped and no action taken to perfect their titles are not due to any defect in the laws governing such surveys.

The town of Homer is deserted, as is the case at Dyea.

No complaint at Valdez was heard in regard to any hardships due to existing town-site laws. Since their application was filed two other town sites have been surveyed near the present location, each offering inducement for the terminal of the proposed railroad to the Copper River country. The final location of the terminal of the railroad has been looked upon by the residents of Valdez as being the proper place for their town site. They have been unsettled heretofore and not willing to incur any further cost until the location of the railroad was established. The town has improved and grown to such dimensions that the matter has been lately taken up and steps taken to go ahead and have an amended survey made and carried to a finality. I have no recommendation to make on any change or amendments to the existing laws governing town-site surveys.

EXAMINATION OF INSTRUMENTS.

The instruments examined in Alaska, belonging to the United States deputy surveyors, were in most cases of a class and condition to perform any kind of surveying.

Keuffel & Esser light mountain engineer's transit No. 3900.—The horizontal plates read by opposite verniers to single minutes, which is the least count of the full vertical circle; prismatic eyepiece; Saegmuller solar attachment; no variation plate. Instrument in fine condition, belonging to Deputy George E. Baldwin, Valdez, Alaska.

Leitz light mountain transit.—Horizontal plates read by opposite verniers to single minutes which is the least count of the vertical circle. Saegmuller solar attachment; $3\frac{1}{2}$ -inch needle. Variation plate read by vernier to single minutes. In fine condition; belongs to Alfred D. Lewis, Valdez, Alaska.

Buff and Berger No. 2869 light mountain transit.—Horizontal plates read by opposite verniers to single minutes which is the least count of the vertical circle; no variation arc; telescope provided with stadia wires; also Buff and Berger prism for eyepiece. In good condition, belonging to Lauritz E. Davick, Valdez, Alaska.

W. and L. E. Gurley light mountain transit.—Horizontal plates read by opposite verniers to single minutes, which is the least count of the vertical arc. Variation arc. Stadia wires in telescope; no prism. In good condition.

Sala light mountain transit.—Horizontal plates read by opposite verniers to single minutes which is the least count of the vertical circle. Variation arc. Stadia wires in telescope; no prism. In good condition, belonging to George W. Garside, Juneau, Alaska.

SURVEYING.

The examination of mineral and non-mineral surveys in Alaska, and the erroneous alignment found in nearly every survey, has led me to believe that all surveys examined were run from a meridian established by a needle course.

The magnetic declination (variation) being taken from the Coast and Geodetic Survey Charts.

There are several good reasons why the regulations in the Manual of Surveying governing the surveys in the United States can not be made to apply to Alaska: First, it is daylight at midnight; another is the thick cloudy weather which obscures the star Polaris; another is that Polaris being at a great altitude, only an instrument in perfect adjustment would give the true meridian from an observation on the star at such an altitude and in a country covered with moss, rendering it impracticable to keep a transit level at night.

It is a well-known fact that even in cloudy weather the sun can occasionally be seen at intervals long enough to obtain a solar observation when an observation on Polaris would be impracticable. A solar apparatus is absolutely unreliable unless checked by a. m. and p. m. observations on a true meridian. The only method that I can recommend by which a true meridian in Alaska can be obtained is by direct observation on the sun, and requiring the deputy to use it in determining his meridian instead of the method now in use in the manual, together with information that an examiner from the General Land Office will hereafter inspect surveys before being accepted.

This method will require some practice, but with a transit provided with a vertical circle in good adjustment, reversing the telescope at each observation, and preferably

taking the observation with the sun at an angle of about 15° or 20° elevation, the true meridian may be obtained to the nearest minute.

A surveyor who can not master this method of determining a meridian will not do good work by any other. This method applies to the summer season when it is daylight at midnight. Perhaps during the winter months the Polaris observation will be more practicable, as at that season it will be dark nearly all day.

In our travels over Alaska only two surveyors were met who were familiar with the direct-observation method. All others expressed a desire to become acquainted with it, and were given the formula and solution.

Pamphlets illustrating the method of obtaining the true meridian and local mean time by direct observation on the sun, forwarded to the United States surveyor-general at Sitka, Alaska, for distribution among the deputies, would be highly appreciated and of great benefit to the service.

CUTTING OUT THE LINES OF SURVEYS.

The portion of Alaska lying east of a meridional line running through Kodiak Island is covered with heavy timber and dense undergrowth. The undergrowth is so dense and tangled that it is impossible to run accurate lines without cutting out a clear line. To avoid the expense of cutting out this line nearly all of the surveys near Valdez have been run in the winter season when the snow lies to a depth of twelve feet, covering the brush; therefore no axe marks on the brush or trees are shown on these surveyed lines. To examine the work the examiner is required to cut out the lines for the applicant of the survey, deputy surveyors ignoring the manual requirement of blazing lines and lopping brush. To examine surveys of this description would correct this method of surveying.

CORNERING.

I would recommend that in case of a corner being identical or common to four non-mineral surveys that the stone first set be marked as such and the deputy be not required to set four corners or stones in the same point, which is impracticable. Also the practice of requiring a stone corner to be set should be discontinued. There is no agricultural land in Alaska that is more valuable than that in the United States where wooden posts are in use to mark the boundaries. Also, a post set in Alaska will not decay for an indefinite length of time, owing to the fact that it becomes water seasoned, the weather is not warm enough for decay to advance rapidly; in fact, post corners will outlast similar corners that are used in the survey of the public lands of the States, with a positive guaranty against fire. It is a great hardship on the applicants of Alaska to be required to ship stone corners from Seattle to Alaska to meet these requirements. This was done last summer, as we saw the corner stones on board the steamship *Excelsior* billed from Seattle to Resurrection Bay. The stones available for corners in many of the surveys examined were transported a distance of 12 miles by boat, thence by dog teams, when post material was in abundance on the ground, which would have made a better corner than the stone used. Owing to the shape and brittle condition of stones available, it is nearly impracticable to mark them so that the description can be read.

MEANDER CORNERS.

Another noticeable defect in the non-mineral surveys, facing on the shore or navigable rivers 3 chains wide, was the absence of meander corners. These corners set at ordinary high-water mark were not set for meander corners and not marked MC, according to the manual of surveying, and in nearly every instance the meander corner was not set at all, but a witness corner set somewhere on the line of the survey, practically leaving the tract unsurveyed. The meander corner should be set at ordinary high-water mark, marked MC. Should it be deemed unsafe, then a witness corner set at a point on safe ground and marked WC MC, but in every case the meander corner should be set at the true point. In all my observations a meander corner set at ordinary high-water mark in Alaska is as safe and permanent as a meander corner in any other country, and a legal corner is as important in a survey of Alaska lands as anywhere and should hereafter be required.

TRACTS OF LAND RECOMMENDED FOR SURVEYS.

The tract of coal land north from Kayak on the north side of Controllers Bay, embracing the valleys of the Catella and Chilcat rivers, is heavily timbered, marshy land; is underlaid by a fine body of coal, and should be subdivided. It will be necessary to establish a base line of 12 miles and a principal meridian of 12 miles. Probably as good a location as could be selected for the initial monument would be at a point about one-half mile northwest of Chilcat Lake, extending the meridian south to Controllers Bay and the base line 12 miles east from initial monument.

Kodiak Island.—Kodiak Town has a population of about 300 people, consisting of a few whites, Russians, Creoles, and natives. This town is nearly 100 years old. The inhabitants are engaged in agricultural pursuits and deserve to have title to the lands. The country that is settled is facing the Pacific Ocean on the east side of the island, on English Bay, Middle Bay, and Calsencisk Bay, about 18 miles south from Kodiak, which would include this settlement.

Seward Peninsula.—Immense bodies of coal underlie this tract of land, which can be seen breaking and falling into the ocean for miles along the coast. This land, if subdivided, would be located.

Yakutat.—The largest body of desirable timber land noticed is situated at Yakutat on the mainland south, east, and west, following the coast line, extending back from the coast probably 15 or 20 miles. A sawmill, with railroads, is in course of construction, with the timber and salmon fisheries in view. This land is valuable and being located at the present. Should be subdivided.

Respectfully submitted.

J. FRANK WARNER,
Examiner of Surveys.

F.—RAILROAD DIVISION.

This division is charged with the administration and adjustment of all grants of land by Congress to aid in the construction of railroads, wagon roads, canals, and river improvements. There are 79 land-grant railroads, and the grant for nearly every one has some feature or features peculiar to itself, arising from the conditions prescribed in the act making it, from conditions in subsequent acts in some manner modifying the original, from conditions affecting the attachment of rights under it, and the withdrawals of lands ordered for its benefit upon the filing of maps of the general route, the definite location, and the construction of the road, or from decisions of the courts or of the Department of contests between the grantees, and the conflicting claims of settlers and others.

It is estimated that the area covered by these grants as originally made was 197,000,000 acres, and that by reason of forfeiture by Congress, because of the failure of the grantees to construct the roads as required by the granting acts, this amount was reduced to such an extent that the acreage at this time is estimated at 155,000,000 acres.

With the exceptions of conflicts arising from mineral and swamp-land claims, all contests between the claimant under the railroad grants and others are examined and determined by this division, and in addition thereto, the division is charged with the duty of examining all listings and selections by the grantees, of the preparation therefrom of clear lists for submission to the Secretary of the Interior for approval, and of the patenting of the lands after the approval of such lists, and of answering all correspondence relating to said grants or to the conflicts arising under them. The same is true as to wagon-road, canal, and river-improvement grants.

This division is also charged with the duty of examining and passing upon all applications for rights of way over the public lands and reservations for railroads, reservoirs, canals, ditches, pipe lines, and other conduits for irrigation, for domestic use and other beneficial uses, for oil-pipe lines, for tram roads, telegraph and telephone lines, for plants for the generation and distribution of electric power, and lines for the transmission of such power, and of examining and deciding all conflicts and contests arising under applications for such rights of way.

The division is also charged with the examination of all lists of selections made under the act of August 18, 1894, known as the Carey Act, and the acts of June 11, 1896, and March 3, 1901, amendatory thereof, granting to certain States not to exceed 1,000,000 acres of desert lands, of the final proofs made thereon, of the preparation of clear lists from such selections for the approval of the Secretary of the Interior, and of the patenting of the lands when so approved; also of the disposal of contests arising from conflicts of other claims with said selections.

Tabulated statement of work performed during the year ended June 30, 1904.

DOCKET CASES.

Cases pending July 1, 1903.....	1,087
Cases docketed and reinstated during the year	461
Total	1,548
Cases closed during the year	348
Cases pending July 1, 1904.....	1,200
Including—	
Cases pending before the Secretary on appeal or otherwise ..	60
Cases pending before this Office in which action has been had ..	665
Cases suspended to await decisions in other cases and actions on adjustments of the railroad grants by the Department..	297
	1,022
Leaving pending ready for action.....	178
Cases transmitted to Secretary during the year:	
Appeals, etc.....	342
Motions for review	7
Applications for certiorari.....	16
	365
Office decisions rendered during the year	2,180
Hearings ordered.....	14
Secretary's decisions promulgated	382
Reports to Congress	17
Reports to the Secretary	38

APPLICATIONS FOR LANDS.

Disposed of	385
Pending July 1, 1904, subject to action ^a	0

ENTRIES

Pending July 1, 1903:	
Original entries	407
Final entries	359
	766
Received during the year:	
Original entries	187
Final entries	177
	364
Total	1,130
Disposed of during the year by decisions rendered and entries referred to other divisions, including canceled entries:	
Original entries	199
Final entries	219
	418
Pending July 1, 1904:	
Original entries	395
Final entries	317
	712
Included in docket cases	342
Suspended	345
	687
Balance	25

Nearly all of which have received action.

^a Of the 385 Michigan applications that were pending July 1, 1903, but were suspended awaiting the action of the courts, all have been relieved and have been disposed of, leaving none suspended.

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LETTERS.

Pending July 1, 1903	454
Received during the year	10, 123
	<hr/> 10, 577
Disposed of during the year:	
Answered	4, 878
Filed (no answer required)	5, 021
Referred to other divisions	473
	<hr/> 10, 372
	<hr/>
Pending unanswered July 1, 1904	205
	<hr/>
Letters written during the year	11, 531
Applications under acts of July 1, 1898, and March 3, 1901:	
Pending and received	849
Acted upon	457
Closed	244

RAILROAD SELECTIONS.

Received	acres..	1, 911, 775. 26
Certified or patented	do...	4, 422, 564. 85
Canceled	do...	4, 660. 45

WAGON-ROAD SELECTIONS.

Received	acres..	137, 087. 50
Certified or patented	do...	128, 506. 81
Canceled	do...	0

PATENTS.

Number issued	216
Number of pages written	1, 591
Number of pages compared	3, 890
Number of pages recorded	1, 579
Number of pages copied	56

Lands certified or patented on account of railroad and wagon-road grants during the fiscal year ended June 30, 1904.

Name of road.	Where located.	Number of acres.
RAILROADS.		
<i>State grants.</i>		
St. Louis, Iron Mountain and Southern	Arkansas	762. 96
Cedar Rapids and Missouri River	Iowa	240. 00
Chicago, Rock Island and Pacific	do	40. 00
Florida Central and Peninsula	Florida	160. 00
Gulf and Ship Island	Mississippi	434. 42
Missouri, Kansas and Texas	Kansas	56. 52
St. Paul, Minneapolis and Manitoba:		
Main line	North Dakota	17, 412. 20
Do	Minnesota	
Brainerd Branch	do	
St. Vincent extension	do	
St. Paul and Northern Pacific	do	
St. Paul, Minneapolis and Manitoba, act of August 5, 1892	do	236. 25
Do	Montana	877. 76
St. Joseph and Denver City	Washington	6, 805. 74
Vicksburg and Meridian	Kansas	40. 00
Wisconsin Central	Mississippi	190. 96
Ontonagon and Brule River	Wisconsin	120. 00
	Michigan	2, 531. 87
Total of State grants		<hr/> 29, 908. 68

Lands certified or patented on account of railroad and wagon-road grants during the fiscal year ended June 30, 1904—Continued.

Name of road.	Where located.	Number of acres.
RAILROADS—continued.		
<i>Corporations.</i>		
Atlantic and Pacific (now Santa Fe Pacific).....	Arizona	87, 772. 89
Central Pacific.....	California	11, 189. 84
Do	Nevada	1, 353, 428. 39
Do	Utah	46, 019. 55
Do	Idaho	1, 451. 35
Central Pacific (successor to California and Oregon).....	California	38, 507. 35
Union Pacific (successor to Denver Pacific).....	Colorado	1, 163. 04
Union Pacific (successor to Kansas Pacific).....	do	1, 441, 815. 02
Do	Kansas	27, 491. 09
Union Pacific	Nebraska	636. 96
Do	Utah	15, 881. 56
Do	Wyoming	121, 025. 20
New Orleans Pacific	Louisiana	80. 84
Northern Pacific	Minnesota	12, 963. 53
Do	North Dakota	351, 899. 56
Do	Montana	585, 378. 60
Do	Idaho	52, 227. 56
Do	Washington	82, 662. 89
Do	Oregon	145. 40
Oregon and California	do	27, 594. 13
Sioux City and Pacific	Nebraska	40. 00
Southern Pacific (main line)	California	132, 225. 85
Southern Pacific (branch line)	do	1, 055. 57
Total of corporations.....		4, 392, 656. 17
WAGON ROADS.		
California and Oregon Land Co. (successor to Oregon Central Military).....	Oregon	96, 710. 18
Corvallis and Yaquina Bay.....	do	4, 121. 19
The Dalles Military.....	do	27, 675. 44
Total of wagon roads.....		128, 506. 81

RECAPITULATION.

	Acres.
Total to State grants.....	29, 908. 68
Total to corporations	4, 392, 656. 17
Total to wagon roads	128, 506. 81
Grand total	4, 551, 071. 6

RAILROAD LAND GRANTS.

A comparison with several preceding years shows a general increase in the business of the division and of the work disposed of during the year just closed. In docket cases there were received and reinstated 461, as against 441 in the year 1903. There were inclosed 348 cases, as against 351, and the number of decisions rendered was 2,180, as against 1,603 in the year 1903, the latter an increase of over 33 per cent. Of the 1,200 docket cases pending at the beginning of the year there were pending at the close only 178 in condition to be acted upon, the others having been considered or suspended. There were transmitted to the Department on appeal, motion for review, or application for certiorari, 365 cases, as against 207 the previous year, an increase of 148, or a little over 40 per cent.

All of the 385 Michigan applications which were not included in docket cases and were pending at the beginning of the year have been disposed of.

Of entries there were received during the year 364, as against 305 received during the previous year, which, added to the 905 pending at the beginning of the year, made total on hand for action 1,269. Of these 712 were undisposed at the close of the year, as against 766 undisposed of at the close of the previous year, showing a gain in this class of work.

Of letters there were received during the year 10,123, as against 9,385 received during the preceding year, and there were disposed of during the year 10,372, as against 9,036 disposed of during the previous year. There were pending at the close of the year only 205 letters, as against 454 pending at the close of the previous year, thus showing a considerable increase as well as a gain in this class of work.

Of listings and selections by railroad and wagon-road companies there were received during the year 2,048,862.76 acres, as against 4,185,023 acres received during the previous year, and there were patented 4,551,071.66 acres, embraced in 216 patents, as against 5,816,957.04 acres patented the previous year, embraced in 200 patents. While this shows a decrease in the acres patented, there was an increase in the number of patents issued and a gain over the work received of 2,136,160.24 acres. During the year 4,660 acres of railroad listings and selections have been canceled.

ADJUSTMENTS.

The suit which has been pending for several years, brought by the United States against the Northern Pacific Railroad Company and the Northern Pacific Railway Company, to cancel patents issued to the railroad company to which the railway company had succeeded, was decided by the United States Supreme Court, February 23, 1904 (193 U. S., 1), in favor of the company. The lands involved are situated in the State of Washington, north of Portland in the State of Oregon, and within the overlapping limits of the grant to the railroad company by the act of July 2, 1864, and the joint resolution of May 31, 1870, and said decision determined the right to be in the company, under the grant of 1870, to all the land within said overlap not otherwise disposed of, irrespective of whether they had been patented or not.

Under a previous ruling of the Department, that these lands were forfeited by the act of September 29, 1890, many persons settled upon and a considerable number made entries of the lands. All of these claims, which were inferior to that of the company under its grant, excepting those wherein patents have been issued, but which would otherwise come within the provisions of the act of July 1, 1898 (30 Stat., 597-620), have been examined, 159 have been listed for approval, and have been approved by the Department for relinquishment by the company under said act, and the company has been called upon to make the relinquishments. The remainder, excepting the few cases wherein the individual claimants have elected to relinquish and which have received appropriate action, have either been rejected as not coming within the law authorizing the relinquishment, the settlers called upon to make their elections to retain or relinquish the land, or are ready for listing for approval for relinquishment by the company.

The Department has decided that where the lands covered by the conflicting claims have been patented to the company, the law is not

applicable even though they may otherwise be within its provisions, and, in a number of cases, the individual claimants have been so advised, and that unless they could induce the company to reconvey the lands to the United States and thus restore jurisdiction in the Department, their cases would necessarily be adjudicated on the merits.

The act of July 1, 1898, above referred to, provided for the adjustment by the land department of conflicting claims of settlers and others and the Northern Pacific Railway Company to lands within the limits, both primary and indemnity, of the company's grant, and under its provisions where the company and the adverse claimant had claims pending January 1, 1898, and were still maintaining them, the claimants against the company were given the option of relinquishing their claims and selecting other lands in lieu thereof, of the character specified, with credit for the residence and improvements on the original claim; or, to retain the original claim, and they are required to elect whether they will retain or relinquish. Should the individual claimant elect to retain his claim, the railroad company is required to relinquish unless it has sold or contracted to sell the land, uses or needs it for railroad purposes, or it is valuable for stone, iron, or coal, in either of which events it is not required to relinquish; and, should it refuse to relinquish when called upon and makes satisfactory showing that the land is within one of the exceptions named, and the individual again refuses to transfer his claim, the case proceeds to adjudication on the merits as though said act had not been passed.

The Department having decided that the act of 1898 was not applicable to cases where patents had issued prior to the passage, Congress, by act approved March 2, 1901, extended its provisions to certain patented claims to lands within the indemnity limits of the company's grant. In addition to the cases above mentioned as being within the overlap of the company's grants north of Portland, Oreg., there have been before the office for action during the year 849 cases, 244 of which were closed and 457 were considered and received action looking to their final disposal. The railroad company has filed relinquishments in 248 cases, embraced in 24 lists approved by the Department, and relieved them from conflict.

An examination has been made of the lands lying within the overlapping indemnity limits of the grant to the Southern Pacific Railroad Company, main line, and the primary limits of the forfeited Atlantic and Pacific Railroad grant, and lists prepared of all the lands therein which have been patented to the Southern Pacific Company, of all lands which have been selected by said company, but not patented, and all lands which have been applied for by it and the applications are pending, for the purpose of preparing a record for the institution of suit against the Southern Pacific Company for the recovery of the patented lands, and for quieting the title in the United States to all other odd sections of lands within such overlap, the right of selection of which is claimed by said company and the suit has been brought.

By act approved March 3, 1891 (26 Stat. L., 854), sections 16, 17, and 18, as amended by the acts of February 21, 1893 (27 Stat. L., 470), and June 27, 1898 (30 Stat. L., 495), Congress made provision for securing to certain settlers on and occupants, known as "small holding claimants," of lands in the Territory of New Mexico and other Territories and States, title to lands occupied by them, not to exceed 160 acres to any one person, under specified conditions. It was found

after many of these claimants within the Territory of New Mexico had made proof on their claims, their holdings in whole or in part covered odd-numbered sections within the limits of the grant to the Atlantic and Pacific Railroad Company, which had passed to the company thereunder, and, Congress thereupon passed the act of April 28, 1904 (33 Stat. L., 556), for the relief of the small-holding settlers.

This latter act authorized the railroad company, when requested by the Secretary of the Interior so to do, to relinquish to the United States any part or the whole of any section containing a claim or claims of small holding settlers within the Territory of New Mexico, and select in lieu thereof other lands of equal quality in said Territory as may be agreed upon with the Secretary of the Interior. Pursuant to the requirements of said act, an examination was made of the records and plats of this office and a list of the small holding claimants prepared, which, together with instructions for their guidance in carrying its provisions into effect, was transmitted to the local land officers.

Under the act of March 3, 1903, which provided for the relief of certain settlers in Alabama on lands within the limits of the grants to aid in the construction of the Mobile and Girard and the Tennessee and Coosa railroads, by authorizing the relinquishment to the United States of any land recovered in any court of competent jurisdiction from such settlers by either of said railroad companies or its assigns, releases have been made, submitted to, and accepted by the Department in 104 cases, and proper action looking to securing title to the homesteaders or the parties claiming under them has been taken.

The large number of cases involving lands within the State of Minnesota, and within the limits of the grants by Congress to aid in the construction of the St. Paul, Minneapolis and Manitoba Railway, main line and branches, which had been suspended pending the adjustment of said grants and were relieved from suspension during the previous year by the adjustment of said grants, have all been disposed of.

Congress passed an act, which was approved February 26, 1904 (33 Stat. L., 51), for "the relief of settlers on lands in Sherman County, in the State of Oregon." The lands referred to are those lying within the limits of the grant by the act of February 25, 1867 (14 Stat. L., 409), to aid in the construction of The Dalles Military Wagon Road, and the withdrawal on that portion of the grant to the Northern Pacific Railroad, now Northern Pacific Railway Company, along the Columbia River between Wallula, Wash., and Portland, Oreg., which was declared forfeited by the act of September 29, 1890. Under a departmental ruling these lands were held to have been excepted from the wagon-road grant, were opened to entry, and numerous parties settled upon them and made entries. Subsequently the United States Supreme Court decided that they passed under the wagon-road grant, and the claims of the settlers having failed, it was with a view to the relief of persons who made settlement, entry, and improvement of these lands that the act of February 26, 1904, was passed.

The act authorized and directed the Secretary of the Interior to make a very extensive investigation to determine what claimants there are, the reasonable value of the lands settled upon, the dates of the settlements, and the value of the improvements of the several classes at the several dates named.

Instructions have been prepared and transmitted to the local land

officers and a special agent, who has been detailed to make the investigation, for their guidance in collecting the information desired by Congress.

The grants to aid in the construction of the following railroads and wagon roads have been examined at various times with a view to their final adjustment, have been submitted with recommendations to the Department, and have been returned with instructions chiefly with reference to the institution of suits for the recovery of title to lands found to have been erroneously certified or patented, or of the Government price thereof if they had been sold by the grantee company to bona fide purchasers whose claims were found to be protected by the act of March 3, 1887 (24 Stat. L., 556), or whose titles were confirmed by the act of March 2, 1896 (29 Stat. L., 42).

Name of road.	Date of return.
Chicago, St. Paul, Minneapolis and Omaha.....	Feb. 12, 1887
Hannibal and St. Joseph.....	May 29, 1887
Grand Rapids and Indiana.....	June 20, 1887
Sioux City and St. Paul.....	July 27, 1887
Missouri, Kansas and Texas.....	Aug. 2, 1887
Winona and St. Peter.....	Dec. 26, 1889
Coosa and Tennessee.....	July 25, 1890
Dubuque and Pacific.....	Apr. 9, 1891
St. Paul, Minneapolis and Manitoba (main line and St. Vincent extension).....	June 10, 1891
Hastings and Dakota.....	June 23, 1891
St. Louis, Iron Mountain and Southern (Arkansas).....	Nov. 16, 1891
Chicago, Milwaukee and St. Paul.....	July 29, 1892
Chicago, Milwaukee and St. Paul (on resubmission of July 23, 1898).....	Oct. 21, 1898
Vicksburg, Shreveport and Pacific.....	May 18, 1892
Coos Bay military wagon road.....	Sept. 1, 1892
Bay de Noquet and Marquette.....	Oct. 3, 1892
Mobile and Girard.....	Apr. 24, 1893
Alabama and Florida.....	Dec. 26, 1893
Florida and Alabama.....	Do.
Willamette Valley and Cascade Mountain Wagon Road Co.....	Jan. 27, 1894
St. Louis, Iron Mountain and Southern (Missouri).....	Feb. 12, 1894
Southwest Pacific.....	Mar. 21, 1894
Little Rock and Fort Smith.....	Oct. 10, 1894
Florida Central and Peninsular.....	Dec. 6, 1894
South and North Alabama.....	Dec. 22, 1894
Do.....	Jan. 12, 1895
Burlington and Missouri River (Iowa).....	July 9, 1895
Atchison, Topeka and Santa Fe.....	July 18, 1895
Atlantic and Pacific (Missouri) or St. Louis and San Francisco (Springfield to west boundary of State).....	Sept. 23, 1895
Central Pacific (Nevada).....	Dec. 9, 1895
Leavenworth, Lawrence and Galveston.....	Feb. 21, 1896
Chicago and Northwestern (Wisconsin).....	Oct. 16, 1896
Central Pacific (California).....	Feb. 27, 1897
Central Pacific (California), successor to California and Oregon.....	Do.
Wills Valley, now Alabama and Chattanooga.....	Mar. 15, 1897
Northeast and Southwestern, now Alabama and Chattanooga.....	Do.
Chicago, Rock Island and Pacific.....	Nov. 30, 1897
Vicksburg and Meridian.....	July 18, 1898
Northern Pacific in Montana.....	June 29, 1899
Northern Pacific in Washington:	
Main line.....	July 13, 1900
Branch line.....	Do.
Southern Minnesota Rwy. Extension Co.....	July 31, 1900
Northern Pacific (grant of May 31, 1870), Oregon.....	Aug. 3, 1900
Northern Pacific (grant of May 31, 1870), Washington.....	Do.
Northern Pacific (Minnesota).....	July 10, 1900
Northern Pacific (North Dakota).....	Do.
Northern Pacific (Idaho).....	Do.
Oregon and California.....	Sept. 1, 1900
Oregon Central.....	Jan. 31, 1901
Burlington and Missouri River (Iowa).....	Feb. 23, 1901
Burlington and Missouri River (Nebraska).....	Do.
Cedar Rapids and Missouri River.....	May 1, 1901
St. Louis, Iron Mountain and Southern (Arkansas).....	July 13, 1901
Southern Pacific (branch line).....	Do.
St. Paul, Minneapolis and Manitoba:	
Main line.....	} Apr. 3, 1903
St. Vincent extension.....	
Brainerd branch.....	

RIGHT OF WAY RAILROADS.

By the act approved March 3, 1875 (18 Stat. L., 482), Congress granted to railroads, upon certain conditions, right of way through the public lands. Right of way for railroads, wagon roads, and tram-roads in Alaska was granted, upon certain conditions, by the act of May 14, 1898 (30 Stat. L., 409).

Under the provisions of these acts and of special acts, 664 companies have filed articles of incorporation which have been accepted, 34 of which were accepted during the fiscal year ended June 30, 1904. Right of way has been approved to 615 companies, 20 of which received their first approval during the same period.

There were received during the year 509 maps of locations of railroads, which, with those already pending, made a total of 628 maps on hand for action during the year: of these, 172 have been approved, 30 have been filed (not requiring approval), and 397 have been otherwise disposed of, 21 of which were rejected, the rest having been returned for correction, leaving 33 waiting action June 30, 1904.

Instructions for making applications under the act of 1875 are given in the circular of February 11, 1904, and under the act of 1898 in the circular of January 13, 1904.

A list of railroad and wagon-road maps that have been approved under said acts is given in the following table, with references to various special acts passed for the benefit of the applicants:

Right of way railroads and wagon roads on public lands under the general act of March 3, 1875 (18 Stat. L., 482), with references to various special acts applicable to said companies.

[The * indicates that right of way was first approved during the past year.]

Name of company.	State or Territory.
Aberdeen, Bismarck and Northwestern Rwy., successor to Ordway, Bismarck and Northwestern Rwy.	North Dakota and South Dakota.
Aberdeen, Fergus Falls and Pierre R. R.	Do.
Agua Fria and Hassayampa Rwy.	Arizona.
Akron, Sterling and Northern R. R. (act May 14, 1898, 30 Stat. L., 409, right of way in Alaska).	Alaska.
Alabama and Florida R. R.	Alabama.
Alabama and Little River R. R.	Do.
Alamogordo and Sacramento Mountain Rwy.	New Mexico.
Arizona and Nevada R. R. and Navigation Co.	Arizona.
Arizona and Southeastern R. R.	Do.
Arizona and Utah Rwy.	Do.
Arizona Mineral Belt R. R.	Do.
Arizona Narrow Gauge R. R., now Tucson, Globe and Northern R. R.	Do.
Arizona Northern Rwy.	Do.
Arizona Southern R. R. (act Aug. 5, 1882, 22 Stat. L., 299, through Papago Indian Reservation).	Do.
Arkansas Southern R. R.	Arkansas.
Arkansas Valley and New Mexico R. R.	Colorado.
Arkansas Valley Rwy. (act of June 23, 1874, 18 Stat. L., 274).	Do.
Aspen and Western Rwy.	Do.
Aspen and Short Line Rwy.	Do.
Atlantic and Pacific R. R. (act of July 27, 1866, 14 Stat. L., 292)	Arizona.
Baker City and Oregon Wonder Electric Railway and Improvement Co.*	Oregon.
Bakers Park and Lower Animas R. R.	Colorado.
Bald Mountain Rwy.	Do.
Barnesville and Moorhead Rwy.	Minnesota.
Bear Butte and Deadwood Rwy.	South Dakota.
Beaver Valley R. R.	Kansas.
Bellingham Bay and British Columbia R. R. Co.*	Washington.
Bellingham Bay Rwy. and Navigation Co.	Do.
Bighorn Southern R. R. (act Feb. 12, 1889, 25 Stat. L., 660, through Crow Indian Reservation, Mont.; act Feb. 23, 1889, 25 Stat. L., 690, through Fort Custer Military Reservation, Mont.; act Mar. 1, 1893, 27 Stat. L., 529, through Crow Indian Reservation, Mont.); now Chicago, Burlington and Quincy R. R.	Montana.

Right of way railroads and wagon roads on public lands under the general act of March 3, 1875, etc.—Continued.

Name of company.	State or Territory.
Billings and Northern R. R.	Montana.
Billings, Clarkes Fork and Cooke City R. R. (act June 4, 1888, 25 Stat. L., 167, through Crow Indian Reservation, Mont.).	Montana and Wyoming.
Bingham Canyon and Camp Floyd R. R.	Utah.
Black Hills and Fort Pierre R. R.	South Dakota.
Black Hills and Wyoming R. R.	Do.
Black Hills Central R. R.	Do.
Black Hills R. R.	Do.
Blackwell, Enid and Southwestern Rwy. (act Mar. 2, 1899, 30 Stat. L., 990, through Indian lands).	Oklahoma.
Blue Mountain and Columbia River R. R.	Oregon.
Bodie Rwy. and Lumber Co.	California.
Boise Basin R. R., "The"	Idaho.
Boise, Nampa and Owyhee Rwy. Co., Limited,	Do.
Boulder, Left Hand and Middle Park R. R. and Navigation Co.	Colorado.
Brackett (George A.) Wagon Road (act May 14, 1898, 30 Stat. L., 409, right of way in Alaska).	Alaska.
Brainerd and Northern Minnesota Rwy. (act Feb. 24, 1896, 29 Stat. L., 12, through Leech Lake and Chippewa Indian reservations, Minn.).	Minnesota.
Bridal Veil Lumbering Co.	Oregon.
Burlington and Colorado R. R.	Colorado.
Burlington, Kansas and Southwestern R. R., now Southern Kansas Rwy.	Nebraska and Kansas.
Busk Tunnel Rwy.	Colorado.
Butte, Anaconda and Pacific Rwy.	Montana.
Butte County R. R. *	California.
Butte and Salmon River Electric R. R. *	Montana.
California Central Rwy.	California.
California Central Rwy., Mountain Division.	Do.
California Central Rwy., Nevada Division.	Nevada.
California Central Rwy., San Joaquin Division.	California.
California Eastern Rwy.	Do.
California Northern R. R. (act of Aug. 4, 1852, 10 Stat. L., 28)	Do.
California Short Line Rwy.	Utah.
California Southern Extension R. R., now California Southern R. R.	California.
California Southern R. R., successor to California Southern Extension R. R.	Do.
Canon City and Cripple Creek Electric Rwy.	Colorado.
Canon City and Cripple Creek Gold Belt Rwy.	Do.
Canon City and Cripple Creek R. R.	Do.
Canon City and San Juan Rwy.	Do.
Canon Creek R. R.	Idaho.
Canon de Agua R. R.	Colorado.
Canton, Aberdeen and Nashville R. R.	Alabama.
Carbon County Rwy.	Utah.
Carbon Cut-off Rwy.	Wyoming.
Carson and Colorado R. R.	Nevada.
Carson and Colorado R. R., Second Division.	California.
Carson and Colorado R. R., Third Division.	Do.
Casselon Branch R. R.	North Dakota.
Castle Valley Rwy.	Utah.
Cebolla Rwy.	Colorado.
Cedar Rapids, Iowa Falls and Northwestern Rwy. (act Mar. 2, 1889, 25 Stat. L., 1012, through Pipestone Indian Reservation, Minn.).	Minnesota, South Dakota, and Iowa.
Central Arizona Rwy Co. *	Arizona.
Central Pacific Rwy. *	Utah and Nevada.
Central Washington R. R.	Washington.
Cheyenne and Burlington R. R.	Wyoming.
Cheyenne and Northern Rwy. (act June 30, 1886, 24 Stat. L., 104, through Fort Russell and Fort Laramie military reservations).	Do.
Chicago and Dakota Rwy.	Minnesota.
Chicago and Northwestern Rwy., successor to Menomonee River Rwy. and Iron River Rwy.	Michigan.
Chicago, Burlington and Quincy R. R., successor to Big Horn Southern R. R.	Montana and Wyoming.
Chicago, Kansas and Nebraska Rwy., now Chicago, Rock Island and Pacific Rwy. (act Mar. 2, 1887, 24 Stat. L., 446; act June 27, 1890, 26 Stat. L., 181; through Indian Territory).	Oklahoma, Colorado, and Kansas.
Chicago, Kansas and Western Rwy.	Kansas.
Chicago, Milwaukee and St. Paul Rwy. (act of Apr. 30, 1888, sec. 16, 25 Stat. L., 94; act Mar. 2, 1889, sec. 16, 25 Stat. L., 888; through Great Sioux Indian Reservation).	North Dakota, South Dakota, and Wisconsin.
Chicago, Rock Island and Choctaw Rwy. *	New Mexico.
Chicago, Rock Island and Colorado Rwy.	Colorado.
Chicago, Rock Island and El Paso Rwy.	New Mexico.
Chicago, Rock Island and Pacific Rwy., successor to Chicago, Kansas and Nebraska Rwy. (act June 27, 1890, 26 Stat. L., 181; act Feb. 27, 1893, 27 Stat. L., 492; through Indian Territory).	Oklahoma, Colorado, and Kansas.
Chicago, St. Paul, Minneapolis and Omaha Rwy.	Wisconsin and South Dakota.
Chileca Cañon Rwy.	Colorado.
Chileat Inlet Rwy. and Navigation Co. (act May 14, 1898, 30 Stat. L., 409) ..	Alaska.

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Right of way railroads and wagon roads on public lands under the general act of March 3, 1875, etc.—Continued.

Name of company.	State or Territory.
Choctaw Coal and Rwy. Co., now Choctaw, Oklahoma and Gulf R. R. (acts Feb. 18, 1888, and Feb. 13, 1889, 25 Stat. L., 35 and 668; act Feb. 21, 1891, 26 Stat. L., 765; acts Jan. 22 and Aug. 24, 1894, 28 Stat. L., 27 and 502; act Apr. 24, 1896, 29 Stat. L., 98; act Mar. 28, 1900, 31 Stat. L., 52; through Indian Territory).	Oklahoma.
Choctaw, Oklahoma and Gulf R. R., successor to Choctaw Coal and Rwy. Co.	Do.
Clearwater Short Line Rwy. (act Mar. 1, 1899, 30 Stat. L., 918; through Nez Percé Indian Reservation).	Idaho and Washington.
Clearwater Valley R. R. (act Feb. 28, 1899, 30 Stat. L., 906; through Nez Percé Indian Reservation).	Idaho, Oregon, and Washington.
Clifton and Lordsburg Rwy.	New Mexico.
Clifton and Southern Pacific Rwy.	Arizona.
Cœur d'Alene and Spokane Rwy.	Idaho.
Cœur d'Alene Rwy. and Navigation Co.	Do.
Colorado and New Mexico R. R.	Colorado.
Colorado and Northeastern Rwy.	Do.
Colorado and Northwestern Rwy.	Do.
Colorado and Southeastern Rwy*.	Do.
Colorado and Utah Rwy.	Do.
Colorado and Wyoming R. R.	Do.
Colorado and Wyoming Rwy.	Wyoming.
Colorado Central R. R., now Union Pacific, Denver and Gulf Rwy.	Colorado and Wyoming.
Colorado Midland Rwy.	Colorado.
Colorado Northern Rwy.	Do.
Colorado Rwy.	Do.
Colorado River and Silver District R. R.	Arizona.
Colorado Southwestern Rwy.	Colorado.
Colorado Springs and Cripple Creek District Rwy., successor to Cripple Creek District Rwy.	Do.
Colorado State Line Rwy.	Do.
Colorado Western R. R.	Do.
Columbia and Klickitat Rwy.	Washington.
Columbia and Palouse R. R.	Idaho and Washington.
Columbia and Puget Sound R. R.	Washington.
Columbia Rwy. and Navigation Co., successor to Farmers' Railway, Navigation and Steamship Portage Co.	Oregon and Washington.
Columbia River and Northern Rwy.*.	Washington.
Columbia Southern Rwy.	Oregon.
Columbia Southern Rwy. Extension Co*.	Do.
Columbia Valley R. R.	Washington.
Continental Rwy. and Telegraph Co.	Colorado.
Coos Bay, Roseburg and Eastern Railroad and Navigation Co.	Oregon.
Cortez and Dolores Valley R. R.	Colorado.
Corvallis and Eastern R. R.	Oregon.
Creed and Gunnison Short Line R. R.	Colorado.
Cripple Creek District Rwy., now Colorado Springs and Cripple Creek District Rwy. (act June 27, 1898, 30 Stat. L., 493; through Pikes Peak Timber Land Reserve).	Do.
Cripple Creek Short Line Rwy. (act July 8, 1898, 30 Stat. L., 729; through Pikes Peak Timber Land Reserve).	Do.
Crystal River Rwy.	Do.
Current River Rwy.	Missouri.
Dakota and Great Northern Rwy.	North Dakota.
Dakota and Great Southern Rwy.	South Dakota.
Dakota Central Rwy. (act April 30, 1888, sec. 16, 25 Stat. L., 94; act Mar. 2, 1889, sec. 16, 25 Stat. L., 888; through Great Sioux Indian Reservation; right of way through Winnebago Indian Reservation, see decision of Acting Secretary, Jan. 24, 1882).	North Dakota and South Dakota.
Dakota Grand Trunk Rwy. (act of June 1, 1872, 17 Stat. L., 202).	Do.
Dakota and Great Northern Rwy.*.	North Dakota.
Dakota Southern R. R. (act of May 27, 1872, 17 Stat. L., 162).	South Dakota.
Dakota, Wyoming and Missouri River R. R.	Do.
Dawson Railway Co.*.	New Mexico.
Deadwood and Redwater Valley Rwy.	South Dakota.
Deadwood Central R. R.	Do.
Deming, Sierra Madre and Pacific R. R.	New Mexico.
Denver and Canon City Rwy.	Colorado.
Denver and Montana R. R.	Do.
Denver and New Orleans R. R.	Colorado and New Mexico.
Denver and Rio Grande R. R., successor to Denver and Rio Grande Rwy. (act Apr. 16, 1888, 25 Stat. L., 85; through Fort Crawford Military Reservation).	Do.
Denver and Rio Grande Rwy. (act of June 8, 1872, 17 Stat. L., 339; act Mar. 3, 1875, 18 Stat. L., 516; act Mar. 3, 1877, 19 Stat. L., 405), now R. R.	Do.
Denver and Rio Grande Western Rwy., now Rio Grande Western Rwy.	Utah.
Denver and Santa Fe Rwy.	Colorado.
Denver, Cripple Creek and Southwestern R. R. (act Mar. 28, 1896, 29 Stat. L., 190; through South Platte Forest Reserve and Plum Creek Timber Land Reserve).	Do.
Denver, Leadville and Gunnison Rwy.	Do.

Right of way railroads and wagon roads on public lands under the general act of March 3, 1875, etc.—Continued.

Name of company.	State or Territory.
Denver, Northwestern and Pacific Rwy.....	Colorado.
Denver, Rollinsville and Western R. R.....	Do.
Denver, Salt Lake and Western R. R.....	Do.
Denver Short Line Rwy.....	Do.
Denver, South Park and Hill Top Rwy.....	Do.
Denver, South Park and Leadville R. R.....	Do.
Denver, South Park and Pacific R. R.....	Do.
Denver, Texas and Fort Worth R. R.....	Colorado and New Mexico.
Denver, Utah and Pacific R. R.....	Colorado.
Denver, Western and Pacific Rwy.....	Do.
Detroit, Mackinac and Marquette R. R., now Duluth, South Shore and Atlantic Rwy.....	Michigan.
Drummond and Phillipsburg R. R.....	Montana.
Duluth and Iron Range R. R.....	Minnesota.
Duluth and Manitoba R. R. (act June 25, 1890, 26 Stat. L., 179; through Fort Pembina Military Reservation, N. Dak.).....	Minnesota and North Dakota.
Duluth and Winnipeg R. R., now Duluth, Superior and Western R. R. (act Oct. 17, 1888, 25 Stat. L., 558, through Fond du Lac Indian Reservation; act Mar. 2, 1889, 25 Stat. L., 1010, through Leech Lake and White Earth Indian reservations; act June 2, 1890, 26 Stat. L., 126, through Winnibigoshish, Cass Lake, White Oak Point, and Red Lake Indian reservations; act Aug. 27, 1894, 28 Stat. L., 504; act Feb. 23, 1897, 29 Stat. L., 702, through Chippewa and White Earth Indian reservations. All in Minnesota.).....	Minnesota.
Duluth, Crookston and Northern R. R.....	Do.
Duluth, Missabe and Northern Rwy.....	Do.
Duluth, Mississippi River and Northern R. R.....	Do.
Duluth, Pierre and Black Hills R. R.....	South Dakota.
Duluth, South Shore and Atlantic Rwy., successor to Detroit, Mackinac and Marquette R. R., and Duluth, Superior and Michigan Rwy.....	Wisconsin and Michigan.
Duluth, Superior and Michigan Rwy., now Duluth, South Shore and Atlantic Rwy. (treaty Sept. 30, 1854, 10 Stat. L., 1109, art. 3; through La Pointe Indian Reservation, Wis.).....	Do.
Duluth, Superior and Western R. R., successor to Duluth and Winnipeg R. R., now Eastern Rwy. Co. of Minnesota (act Feb. 23, 1897, 29 Stat. L., 702; through Chippewa and White Earth Indian reservations). ..	Minnesota.
Duluth, Watertown and Pacific Rwy.....	South Dakota.
Dunseith and Southeastern R. R.....	North Dakota.
Durango, Cortez and Salt Lake R. R.....	Colorado.
Durango Rwy.....	Do.
Durango, Rico and Northern R. R.....	Do.
Dyea and Chilkoot R. R. (act May 14, 1898, 30 Stat. L., 409).....	Alaska.
Eagle Salt Works R. P.*.....	Nevada.
Eastern Oregon Rwy.*.....	Oregon.
Eastern Rwy. Co. of Minnesota*.....	Wisconsin and Minnesota.
Eastern Rwy. Co. of New Mexico*.....	New Mexico.
Eastern Wyoming R. R.....	Wyoming.
Eastern Wyoming Rwy.....	Do.
Echo and Park City Rwy., successor to Summit County R. R.....	Utah.
Elk Mountain Rwy.....	Colorado.
El Paso and Northern Rwy.....	New Mexico.
El Paso and Rock Island Rwy.....	Do.
El Paso and Southwestern R. R.....	Arizona.
Enid and Anadarko Rwy.....	Oklahoma.
Escambia R. R.....	Alabama.
Eureka and Palisade R. R.....	Nevada.
Eureka Springs Rwy.....	Arkansas.
Everett and Monte Cristo Rwy.....	Washington.
Fairhaven and Southern R. R.....	Do.
Fargo and Southwestern R. R.....	North Dakota.
Fargo, Larimore and Northern Rwy.....	Do.
Farmers' Railway, Navigation and Steamship Portage Co., now Columbia Railway and Navigation Co.....	Oregon and Washington.
Florence and Cripple Creek R. R.....	Colorado.
Florence, Cripple Creek and State Line R. R.....	Do.
Florence Southern R. R.....	Do.
Florence, Victor and Cripple Creek R. R., "The".....	Do.
Florida Southern Rwy.....	Florida.
Forest City and Sioux City R. R. (act Feb. 12, 1895, 28 Stat. L., 653, through Sioux Indian Reservation, S. Dak.).....	South Dakota.
Forest City and Watertown R. R. (act Mar. 2, 1889, 25 Stat. L., 852, Sioux Indian Reservation, S. Dak.).....	Do.
Fremont, Elkhorn and Missouri Valley R. R. (act Jan. 20, 1885, 23 Stat. L., 284, through Fort Robinson Military Reservation, Nebr.; act Feb. 28, 1887, 24 Stat. L., 434, through Fort Meade Military Reservation, S. Dak.).....	Nebraska, South Dakota, and Wyoming.
Georgetown, Breckinridge and Leadville Rwy.....	Colorado.
Georgetown, Silver Creek and Chicago Lakes Rwy.....	Do.
Gila Valley, Globe and Northern Rwy.....	Arizona.
Glenwood High Line Rwy.....	Colorado.
Grand Canyon Rwy. Co.*.....	Arizona.

Right of way railroads and wagon roads on public lands under the general act of March 3, 1875, etc.—Continued.

Name of company.	State or Territory.
Grand Island and Northern Wyoming R. R.	Wyoming.
Grand Island and Wyoming Central R. R.	South Dakota and Nebraska.
Grand Valley Rwy.	Colorado.
Grayling, Twin Lakes and Northeastern R. R.	Michigan.
Grays Peak, Snake River and Leadville Rwy.	Colorado.
Great Falls and Canada Rwy.	Montana.
Great Salt Lake and Hot Springs Rwy.	Utah.
Great Southern Rwy. (act of June 4, 1872, 17 Stat. L., 224)	Florida.
Greeley, Bear River and Pacific R. R. and Telegraph Co.	Colorado.
Greeley, Salt Lake and Pacific Rwy.	Do.
Green River and Northern R. R.	Washington.
Hanover R. R.	New Mexico.
Hazelhurst and Southeastern Rwy.	Wisconsin.
Helena and Jefferson County R. R.	Montana.
Helena and Northern Rwy.	Do.
Helena and Red Mountain R. R.	Do.
Helena, Boulder Valley and Butte R. R.	Do.
Houston, Central Arkansas and Northern R. R.	Louisiana.
Hutchinson and Southern R. R. (acts of Sept. 26, 1890, 26 Stat. L., 485; Feb. 3, 1892, 27 Stat. L., 2; and Aug. 27, 1894, 28 Stat. L., 505, through Indian Territory).	Oklahoma.
Idaho Central Rwy., now Oregon Short Line and Utah Northern Rwy.	Idaho.
Idaho Midland Rwy.	Do.
Idaho North and South Rwy.	Oregon and Idaho.
Idaho Northern Rwy. Co., Limited	Idaho.
Iron Mountain Rwy.	California.
Iron River Rwy., now Chicago and Northwestern Rwy.	Michigan.
Jacksonville, Pensacola and Mobile R. R. (act of Mar. 3, 1875, 18 Stat. L., 509).	Florida and Alabama.
Jacksonville, St. Augustine and Halifax River Rwy. (act July 11, 1890, 26 Stat. L., 268, through St. Augustine Military Reservation, Fla.).	Florida.
Jacksonville, St. Augustine and Indian River Rwy.	Do.
James River Valley R. R.	North Dakota and South Dakota.
Jamestown and Northern R. R.	South Dakota.
Jamestown and Northern Rwy. Extension Co.	North Dakota.
Kansas Central R. R.	Kansas.
Kansas City, Fort Smith and Southern Rwy.	Missouri.
Kansas City, Mexico and Orient Rwy. (act Mar. 2, 1899, 31 Stat. L., 990, through Indian lands).	Oklahoma.
Kansas City, Nevada and Fort Smith R. R., now Kansas City, Pittsburg and Gulf R. R.	Arkansas.
Kansas City, Pittsburg and Gulf R. R., successor to Kansas City, Nevada and Fort Smith R. R. (acts of Feb. 27, 1892, 27 Stat. L., 487; Mar. 2, 1895, 28 Stat. L., 744; and Feb. 13, 1896, 29 Stat. L., 6, through Indian Territory).	Do.
Kansas City, Springfield and Memphis R. R.	Missouri.
Kansas City, Watkins and Gulf Rwy.	Louisiana.
Kootenai R. R.	Idaho.
Kootenai Valley Rwy.	Do.
Lake Michigan and Lake Superior Rwy.	Michigan.
La Plata R. R.	Colorado.
Laramie and Sweetwater Valley Rwy.	Wyoming.
Laramie, Hahns Peak and Pacific Rwy.	Do.
Laramie, North Park and Pacific R. R. and Telegraph Co.	Do.
Lincoln and Black Hills R. R.	Nebraska.
Lincoln, Denver and Colorado Rwy.	Colorado.
Little Book Cliff Rwy.	Do.
London, South Park and Leadville R. R.	Do.
Lordsburg and Hachita R. R.	New Mexico.
Louisiana Western R. R.	Louisiana.
Louisville and Nashville R. R.*	Alabama and Florida.
Louisville, New Orleans and Texas Rwy.	Mississippi.
Manitou and Pikes Peak Rwy.	Colorado.
Maricopa and Phoenix R. R. (act Jan. 17, 1887, 24 Stat. L., 361, through Gila River Indian Reservation).	Arizona.
Menominee Rwy.	Wisconsin.
Menominee River R. R., now Chicago and Northwestern Rwy.	Michigan.
Midland Terminal Rwy.	Colorado.
Millard (B. F.) et al., Wagon Road (act May 14, 1898, 30 Stat. L., 409)	Alaska.
Milwaukee and Northern R. R.	Michigan.
Milwaukee, Lake Shore and Western Rwy. (act June 4, 1882, 25 Stat. L., 169, through Lac de Flambeau Indian Reservation, Wis.).	Wisconsin.
Minneapolis and St. Cloud R. R.	Minnesota.
Minneapolis, Sault Ste. Marie and Atlantic Rwy.	Michigan and Wisconsin.
Minneapolis, St. Paul and Sault Ste. Marie Rwy.	North Dakota.
Minnesota and International Rwy.	Minnesota.
Minnesota and Manitoba R. R. (act Apr. 17, 1900, 31 Stat. L., 134, through Chippewa-Red Lake Indian Reservation, Minn.).	Do.
Missoula and Bitter Root Valley R. R.	Montana.
Missouri and Arkansas R. R.	Arkansas and Missouri.

Right of way railroads and wagon roads on public lands under the general act of March 3, 1875, etc.—Continued.

Name of company.	State or Territory.
Missouri, Arkansas and Southern Rwy.....	Arkansas.
Missouri River, North Platte and Denver Rwy.....	Nebraska.
Mobile, Jackson and Kansas City R. R.....	Alabama.
Montana and Wyoming Eastern R. R.....	Idaho and Montana.
Montana Central Rwy.....	Montana.
Montana Midland Rwy., now Montana R. R.....	Do.
Montana R. R., successor to Montana Midland Rwy.....	Do.
Montana Rwy.....	Do.
Mount Carbon, Gunnison and Lake City R. R. and Coal Transportation Co.	Colorado.
Nebraska and Colorado R. R.....	Nebraska.
Nebraska and Western Rwy.....	Do.
Nebraska, Wyoming and Western R. R.....	Nebraska and Wyoming.
Nevada-California-Oregon Rwy.....	California and Nevada.
Nevada Central Rwy.....	Nevada.
Nevada County Narrow Gauge R. R. (act of June 20, 1874, 18 Stat. L., 130).	California.
Nevada Southern Rwy., "The".....	Do.
Nevada Southern Rwy., First Division.....	Nevada.
New Mexico R. R.....	New Mexico.
New Mexico and Arizona R. R.....	Arizona.
New Mexico and Southern Pacific R. R.....	New Mexico.
New Orleans and Northeastern R. R.....	Louisiana and Mississippi.
Northern Pacific Rwy. (act July 2, 1864, 13 Stat. L., 365, land-grant act; act July 10, 1882, 22 Stat. L., 157, through Crow Indian Reservation, Mont.; act Feb. 20, 1893, 27 Stat. L., 468, through Puyallup Indian Reservation, Wash.).	Wisconsin, Minnesota, North Dakota, Montana, Idaho, Washington.
Northern Pacific and Cascade R. R.....	Washington.
Northern Pacific and Montana R. R.....	Montana.
Northern Pacific and Puget Sound Shore R. R.....	Washington.
Northern Pacific, La Moure and Missouri River R. R.....	North Dakota.
North Fork Valley and Anthracite Rwy.....	Colorado.
North Park and Grand River R. R. and Telegraph Co.....	Do.
Northwest Rwy.....	Oregon.
Oakley and Colby Rwy.....	Kansas.
Ogden and Cache Valley Rwy.....	Utah.
Ogden and Wyoming Rwy.....	Do.
Oklahoma City and Western R. R. (act Mar. 2, 1899, 31 Stat. L., 990, through Indian lands).	Oklahoma.
Omaha and Elkhorn Valley Rwy.....	Nebraska.
Omaha and Republican Valley R. R.....	Do.
Omaha, Niobrara and Black Hills R. R.....	Do.
Ontonagon and Brule River R. R.....	Michigan.
Orday, Bismarek and Northwestern Rwy., successor to Aberdeen, Bismarek and Northwestern Rwy.	North Dakota and South Dakota.
Oregon and California R. R.....	Oregon.
Oregon and Washington Territory R. R., now Washington and Columbia River Rwy.	Oregon and Washington.
Oregon Railroad and Navigation Co., successor to Oregon Railway and Navigation Co.	Oregon.
Oregon Railway and Navigation Co. (act July 26, 1888, 25 Stat. L., 349, through Nez Perces Indian Reservation, Idaho; act Oct. 17, 1888, sec. 4, 25 Stat. L., 558, through Umatilla Indian Reservation, Oreg. See Secretary's decisions in February, April, and August, 1881). Now Oregon Railroad and Navigation Co.	Oregon, Washington, and Idaho.
Oregon Railway Extension Co.....	Oregon and Washington.
Oregon Short Line and Utah Northern Rwy., successors to Oregon Short Line Rwy., Idaho Central Rwy., Salt Lake and Western Rwy., Utah and Northern Rwy., and Utah Central Rwy., now Oregon Short Line R. R.	Wyoming, Idaho, Oregon, Utah, Nevada, and Montana.
Oregon Short Line Rwy., succeeded by Oregon Short Line and Utah Northern Rwy. (act Sept. 1, 1888, 25 Stat. L., 452, through Fort Hall Indian Reservation, Idaho), now Oregon Short Line R. R.	Do.
Oregon Southern Rwy.....	Oregon.
Oroville and Beckworth R. R.....	California.
Oxford and Kansas R. R.....	Nebraska.
Ozark and Cherokee Central Rwy.....	Arkansas.
Pacific Alaska Transportation and Coal Co. (act May 14, 1898, 30 Stat. L., 409).*	Alaska.
Pacific and Arctic Railway and Navigation Co. of West Virginia (act May 14, 1898, 30 Stat. L., 409).	Do.
Pacific and Idaho Northern Rwy.....	Idaho.
Palatka and Indian River Rwy.....	Florida.
Pecos Valley and Northeastern Rwy.....	New Mexico.
Pecos Valley R. R., now Rwy.....	Do.
Pecos Valley Rwy., successor to Pecos Valley R. R.....	Do.
Pensacola and Louisville R. R. (act June 8, 1872, 17 Stat. L., 340).....	Alabama.
Pensacola and Mobile R. R.....	Do.
Phoenix and Eastern R. R.....	Arizona.
Pikes Peak Railway and Improvement Co.....	Colorado.
Portland, Lower Columbia and Eastern Washington R. R.....	Washington.

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Right of way railroads and wagon roads on public lands under the general act of March 3, 1875, etc.—Continued.

Name of company.	State or Territory.
Portland, Vancouver and Yakima Rwy.....	Washington.
Prescott and Arizona Central Rwy. (act Feb. 28, 1887, 24 Stat. L., 433, through Whipple Barracks Military Reservation, Ariz.).	Arizona.
Prescott and Eastern R. R.....	Do.
Princeton and Western Rwy.....	Wisconsin.
Prospect Hill Co.....	Oregon.
Pueblo and Arkansas Valley R. R., successor to Pueblo and Salt Lake Rwy. (right of way through Fort Lyon Military Reservation. See Secretary's decision, Nov. 28, 1876).	New Mexico and Colorado.
Pueblo and Salt Lake Rwy., now Pueblo and Arkansas Valley R. R.....	Colorado.
Pueblo and Silver Cliff Rwy.....	Do.
Pueblo and State Line R. R.....	Do.
Pueblo, Gunnison and Pacific R. R.....	Do.
Puget Sound and Chehalis R. R.....	Washington.
Puget Sound and Grays Harbor Railroad and Transportation Co.....	Do.
Puget Sound, Skagit and Eastern Rwy.....	Do.
Puyallup Valley Rwy. (act July 26, 1888, 25 Stat. L., 530, through Puyallup Indian Reservation, Wash.).	Do.
Rapid City, Harney Peak and Southwestern Rwy.....	South Dakota.
Rapid City, Missouri River and St. Paul R. R.....	Do.
Red River and Lake of the Woods Rwy.....	Minnesota.
Republic and Kettle River Rwy.....	Washington.
Republican Valley and Wyoming R. R.....	Nebraska.
Republican Valley R. R.....	Do.
Rio Grande R. R.....	Colorado.
Rio Grande Branch Line R. R.....	Do.
Rio Grande Gunnison Rwy.....	Do.
Rio Grande Junction Rwy. (act Oct. 1, 1890, 26 Stat. L., 664, through Grand Junction Indian School Reservation).	Do.
Rio Grande, Mexico and Pacific R. R. (act May 18, 1886, 24 Stat. L., 68, through Fort Selden Military Reservation; act Feb. 1, 1894, 28 Stat. L., 34, through Fort Cummings Military Reservation).	New Mexico.
Rio Grande, Pagosa and Northern R. R.....	Colorado.
Rio Grande, Pueblo and Southern R. R.....	Do.
Rio Grande Sangre de Cristo R. R.....	Do.
Rio Grande Southern R. R. (act Sept. 28, 1890, 26 Stat. L., 489, through Fort Lewis Military Reservation, Colo.).	New Mexico and Colorado.
Rio Grande and Southwestern R. R.*.....	New Mexico
Rio Grande Western Rwy., successor to Denver and Rio Grande Western Rwy.	Utah and Colorado.
Road Canon R. R.....	Colorado.
Rocky Fork and Cooke City Rwy. (act Mar. 3, 1887, 24 Stat. L., 545, through Crow Indian Reservation, Mont.).	Montana.
Rocky Mountain R. R.....	Do.
St. Anthony R. R.....	Idaho.
St. Augustine and South Beach Rwy.....	Florida.
St. Cloud and Lake Traverse Rwy.....	Minnesota.
St. Louis and North Arkansas R. R.....	Arkansas.
St. Louis, Wichita and Western Rwy.....	Kansas.
St. Paul and Dakota R. R., now Worthington and Sioux Falls R. R.....	Minnesota.
St. Paul and Northern Pacific Rwy.....	Do.
St. Paul and Sioux City Rwy.....	South Dakota.
St. Paul, Black Hills and Pacific Rwy.....	North Dakota.
St. Paul, Minneapolis and Manitoba Rwy. (act Feb. 15, 1887, 24 Stat. L., 402, through Fort Berthold Indian Reservation, N. Dak.; Blackfeet Indian Reservation, Assiniboinne Military Reservation, and Fort Peck Indian Agency, Mont., and Fort Buford Military Reservation, N. Dak. and Mont.; act Feb. 25, 1889, 25 Stat. L., 696, through White Earth Indian Reservation, Minn.; acts July 18, 1894, 28 Stat. L., 112, Feb. 23, 1897, 29 Stat. L., 592, through White Earth, Leech Lake, Chippewa, and Fond du Lac Indian reservations, Minn.; act Mar. 2, 1897, 29 Stat. L., 600, through Fort Spokane Military Reservation, Wash.).	North Dakota, Montana, Washington, South Dakota, Minnesota, and Idaho.
St. Vrain R. R.....	Colorado.
Salmon River R. R.....	Idaho.
Salt Lake and Deep Creek Rwy.....	Utah.
Salt Lake and Eastern R. R.....	Do.
Salt Lake and Eastern Rwy.....	Do.
Salt Lake and Mercur R. R.....	Do.
Salt Lake and Park City Rwy.....	Do.
Salt Lake and Western Rwy., succeeded by Oregon Short Line and Utah Northern Rwy., now Oregon Short Line R. R.	Do.
Salt Lake Valley and Eastern Rwy.....	Do.
Sanborn, Cooperstown and Turtle Mountain R. R.....	North Dakota.
San Francisco and Ocean Shore R. R.....	California.
San Francisco and Ocean Shore R. R., Second Division.....	Do.
San Joaquin and Mount Diablo R. R. (act Aug. 4, 1852, 10 Stat. L., 28).....	Do.
San Joaquin Valley and Yosemite R. R.....	Do.
San Juan and Pagosa Springs R. R.....	Colorado.
San Pablo and Tulare Extension R. R.....	California.
San Pedro, Los Angeles and Salt Lake R. R.....	Utah and California.
San Pete Valley R. R.....	Utah.

Right of way railroads and wagon roads on public lands under the general act of March 3, 1875, etc.—Continued.

Name of company.	State or Territory.
Santa Fe Pacific R. R. (see land-grant acts July 27, 1866, 14 Stat. L., 292, and Mar. 3, 1897, 29 Stat. L., 622).	Arizona and New Mexico.
Santa Fe, Prescott and Phoenix Rwy. (act Feb. 18, 1893, 27 Stat. L., 462, through Whipple Barracks Military Reservation, Ariz.).	Arizona.
Satsop R. R.	Washington.
Seattle and International Rwy.	Do.
Seattle and Montana Rwy.	Do.
Seattle and West Coast Rwy.	Do.
Seattle, Boise and Salt Lake Rwy.	Idaho.
Seattle, Lake Shore and Eastern Rwy.	Washington.
Sevier Rwy.	Utah.
Sevier Valley Rwy.	Do.
Shingle Springs and Placerville R. R.	California.
Sierra Valley and Mohawk R. R.	Do.
Silver City and Northern R. R.	New Mexico.
Silver City, Deming and Pacific R. R.	Do.
Silverton R. R.	Colorado.
Sioux City Northwestern Rwy.	Nebraska.
Snake River Valley Rwy.	Washington.
Snohomish, Skykomish and Spokane Railway and Transportation Co.	Do.
South Dakota Western Rwy.	South Dakota.
Southern Kansas and Panhandle R. R.	Kansas.
Southern Kansas and Northern R. R.	Do.
Southern Kansas Rwy., successor to Burlington, Kansas and Southwestern R. R. (act July 4, 1884, 23 Stat. L., 73, through Indian Territory).	Nebraska, Kansas, and Oklahoma.
Southern Pacific R. R. of Arizona	Arizona.
Southern Pacific R. R. of California (act Mar. 3, 1871, sec. 23, 16 Stat. L., 573; act Aug. 15, 1894, 28 Stat. L., 335, sec. 17, through Yuma Indian Reservation, Cal.).	California.
Southern Pacific R. R. of New Mexico	New Mexico.
South Pacific Coast R. R.	California.
Spanish Range Rwy.	Colorado.
Spokane and Palouse Rwy. (act May 8, 1890, 26 Stat. L., 104, through Nez Perces Indian Reservation, Idaho. See 22 L. D., 647).	Idaho and Washington.
Spokane Falls and Idaho R. R.	Do.
Spokane Falls and Northern Rwy. (act May 8, 1890, 26 Stat. L., 102, through Colville Indian Reservation, Wash.).	Washington.
Springfield and Memphis R. R.	Arkansas.
Springfield and Southern Rwy.	Missouri.
Springfield, Yellville and White River R. R.	Arkansas.
Sultan Valley Rwy.	Washington.
Summit County R. R., now Echo and Park City Rwy.	Utah.
Summit County Railway and Transportation Co., now Wyoming, Salt Lake and California Rwy.	Do.
Sumpter and Bourne Rwy.	Oregon.
Sumpter Valley Rwy.	Do.
Sunset R. R.	California.
Tacoma, Ellensburg and Concoquilly Rwy.	Washington.
Tacoma, Orting and Southeastern R. R.	Do.
Texarkana and Fort Smith Rwy.	Arkansas.
Tintie Range Rwy.	Utah.
Trinidad and Denver R. R.	Colorado.
Trinidad, San Luis Valley and Pacific Rwy.	Do.
Tucson, Globe and Northern R. R., successor to Arizona Narrow Gauge R. R.	Arizona.
Uinta Coal R. R.	Wyoming.
Utah Railway Co.*.	Colorado.
Union Pacific and Western Colorado Rwy.	Do.
Union Pacific and Western Colorado Rwy. of Wyoming.	Wyoming.
Union Pacific, Denver and Gulf Rwy., successor to Colorado Central R. R.	Wyoming and Colorado.
Union Pacific, Lincoln and Colorado Rwy.	Colorado and Kansas.
Union Pacific R. R.	Utah and Wyoming.
United Railroads of Washington.	Washington.
United Verde and Pacific Rwy.	Arizona.
Upper Arkansas, San Juan and Pacific Rwy.	Colorado.
Utah and Northern Rwy., successor to R. R. (acts of Mar. 3, 1873, 17 Stat. L., 612, and June 20, 1878, 20 Stat. L., 241), now Oregon Short Line and Utah Northern Rwy. (acts July 3, 1882, 22 Stat. L., 148, and Sept. 1, 1888, 25 Stat. L., 452, through Fort Hall Indian Reservation, Idaho).	Idaho, Montana, and Utah.
Utah and Pacific R. R.	Utah.
Utah and Wyoming Central Rwy.	Do.
Utah and Wyoming R. R.	Do.
Utah and Wyoming R. R. "The"	Wyoming.
Utah and Wyoming Rwy.	Utah.
Utah Central R. R.	Do.
Utah Central Rwy., successor to R. R. (act of Dec. 15, 1870, 16 Stat. L., 395), now Oregon Short Line and Utah Northern Rwy.	Do.
Utah Eastern R. R.	Do.
Utah Eastern Rwy.	Do.
Utah, Nevada and California R. R.	Do.

Right of way railroads and wagon roads on public lands under the general act of March 3, 1875, etc.—Continued.

Name of company.	State or Territory.
Utah, Nevada and California R. R. (of California)	California.
Utah Rwy.	Utah.
Utah Southern Extension R. R., now Oregon Short Line and Utah Northern Rwy.	Do.
Utah Southern R. R., now Oregon Short Line and Utah Northern Rwy.	Do.
Utah Western Rwy., "The"	Do.
Utah Western Rwy.	Do.
Wadena and Park Rapids R. R.	Minnesota.
Wallace and Sunset R. R.	Idaho.
Wardner Mining R. R.	Do.
Wasatch Iron and Coal Co.	Wyoming.
Washington and Columbia River Rwy., successor to Oregon and Washington Territory R. R.	Washington.
Washington and Great Northern Rwy.	Do.
Washington and Idaho R. R. (act May 30, 1888, 25 Stat. L., 160, through Coeur d'Alene Indian Reservation, Idaho).	Washington, Idaho, and Montana.
Washington Central Rwy.	Washington.
Washington Dalles R. R.	Do.
Watertown and Lake Kampeska Rwy.	South Dakota.
Watertown, Sioux City and Duluth R. R.	Do.
Weiser and Idaho Northern Rwy. Co. (Limited).	Idaho.
Wet Mountain Valley R. R.	Colorado.
White River Rwy.	Arkansas.
Wichita and Western R. R.	Kansas.
Willamette Valley and Coast R. R.	Oregon.
Wilmar and Sioux Falls Rwy.	Minnesota and South Dakota.
Winona, Alma and Northern Rwy.	Wisconsin.
Winters and Ukiah Rwy.	California.
Wisconsin and Michigan R. R.	Michigan and Wisconsin.
Wisconsin Central R. R.	Wisconsin.
Worthington and Sioux Falls R. R., successor to St. Paul and Dakota R. R.	Minnesota.
Wyoming and Eastern Rwy.	Wyoming.
Wyoming and Western Rwy.	Utah.
Wyoming Central Rwy. (right of way through Fort Fetterman Military Reservation. See Secretary's decision, Dec. 29, 1885).	Wyoming.
Wyoming, Montana and Pacific R. R. (act May 17, 1880, 21 Stat. L., 141, through Fort Russell and Fort Laramie Military Reservations, Wyo.).	Do.
Wyoming, Salt Lake and California Rwy., successor to Summit County Rwy. and Transportation Co.	Utah.
Wyoming Western R. R.	Wyoming.
Wyoming Southern R. R.	Do.
Yosemite Valley R. R.	California.
Zuni Mountain Rwy.	New Mexico.

Total number of companies listed, 513; number of separate companies, 486.

RIGHT OF WAY FOR IRRIGATION AND OTHER PURPOSES.

Sections 18, 19, 20, and 21 of the act of Congress approved March 3, 1891 (26 Stat. L., 1095), as amended by section 2 of the act of May 11, 1898 (30 Stat. L., 404), grant right of way over the public lands and reservations of the United States for canals, ditches, and reservoirs for purposes of irrigation and for purposes of a public nature; also for purposes of water transportation, for domestic purposes, or for the development of power, as subsidiary to the main purpose of irrigation. Such rights of way may be applied for by corporations, individuals, or associations of individuals in accordance with certain requirements as to the filing of papers and maps.

The regulations require the application to show with certainty the location of the proposed canal or reservoir, so that the approved map will be an accurate record of the extent of the right of way, and thus define clearly the rights granted by the act and those of future settlers along the ditch or reservoir.

Under the provisions of this act right of way has been approved to 579 companies, individuals, and associations of individuals, of which 138 received their first approval during the past year.

There have been received during the year 464 maps, which, with those already pending, made a total of 561 maps on hand for action during the year; of these 151 have been approved, 20 have been filed (not requiring approval), and 288 have been otherwise disposed of, a few of which were rejected, the rest being returned for correction, leaving 102 waiting action June 30, 1904.

Instructions for preparing applications for right of way for irrigation purposes will be found in the circular of June 26, 1902.

A list of the applicants that have had maps approved under said acts is given in the following table, with references to various special acts passed for the benefit of said applicants:

Right of way granted for irrigation canals and reservoirs in certain States and Territories under act of March 3, 1891 (26 Stat. L., 1095), and section 2, act May 11, 1898 (30 Stat. L., 404), with references to various special acts applicable to the applicants.

[The * indicates that right of way was first approved during the past year.]

Name.	State or Territory.
Abelin (Gustaf P.) Reservoir.....	Montana.
Adams (G. S.) and Bunker (M. A.) Reservoir.....	Colorado.
Agua Fria Water and Land Co.....	Arizona.
Alfred Ditch.....	Colorado.
Algodones Irrigation Co. (act of Jan. 20, 1893, 27 Stat. L., 420, through Yuma Indian Reservation).	Arizona.
Alpine Land and Reservoir Co.....	California.
American Valley Water Storage and Irrigation Co.....	New Mexico.
Andrews (J. D.) Canal and Reservoir.....	Arizona.
Annabella Reservoir and Irrigation Association.....	Utah.
Antelope Reservoir. (A. J. Eaton).....	Colorado.
Antelope Valley Water Co.....	California.
Appleton Reservoir and Canal*.....	South Dakota.
Arbuckle (Frank and Emma A.) and Billings (Jabez P.) Reservoirs*.....	Colorado.
Arizona Canal Co., now Arizona Water Co.....	Arizona.
Arizona Water Co., successor to Arizona Canal Co.....	Do.
Armstrong (C. C.) Reservoir.....	Montana.
Arrowhead Reservoir Co.....	California.
Ashley Lake Irrigating Co.....	Montana.
Austin (H. C.) Reservoir.....	Do.
Austin (Jas. H.) Reservoir and Ditch.....	Do.
Austin (Lyman A.) Reservoir and Ditch.....	Do.
Badger (Hannibal J.) Reservoirs and Ditch.....	Do.
Bain (Chas.) Reservoir*.....	Do.
Bain (John C.) Reservoir.....	Do.
Balman (Thos. G.) Reservoir.....	Colorado.
Barnes (E. M.) Reservoir and Canal.....	Do.
Barr Reservoir.....	Wyoming.
Barry (M. P.) Reservoirs*.....	Oregon.
Battlement Reservoir Co.....	Colorado.
Bayley (Geo. H.) Reservoir*.....	California.
Bear Creek Reservoir and Canal and Flume Line*.....	Montana.
Beatty (Theodore Bruce) Reservoir and Canal.....	Utah.
Beaver Brook Reservoir and Canal Co.....	Colorado.
Beaver Park Reservoirs and Canal.....	Do.
Beaver River Irrigation Co.....	Utah.
Beecher (W. J.) Reservoir and Canals*.....	Montana.
Bennett (Jasper and F. M.) & Ritter (Geo.) Reservoir and Ditch*.....	Oregon.
Best (Alex. D.) Reservoirs.....	Colorado.
Bickerdyke (Hiram D.) Canal and Reservoir.....	Montana.
Big Creek Reservoir and Ditch.....	Colorado.
Big Horn Basin Development Co.....*	Wyoming.
Big Pine Surplus Water Storage Co.....	California.
Black (Peter T.) Reservoir and Canals.....	Utah.
Blackstone (John D.) Reservoir.....	Montana.
Blankenbaker (Virgil F.) Reservoirs.....	Do.
Blue Creek Canal and Reservoir Co.....	Utah.
Blue Lake Reservoir and Canal.....	Do.
Blue Water Land and Irrigation Co.....	New Mexico.
Boise City and Nampa Irrigation, Land, and Lumber Co.....	Idaho.
Bonefield (Julia S.) Reservoir and Canals.....	Montana.
Bonita Reservoir*.....	Colorado.
Bonnie Ditch and Reservoir Co.....	Do.
Boothroyd (C. E.) Reservoir*.....	North Dakota.
Boulder High Line Canal Co.....	Colorado.
Bowes (Frank) Reservoir.....	Montana.
Bozeman Creek Reservoir Co.....	Do.
Bradford (Donald) Reservoir and Canal System*.....	Do.

Right of way granted for irrigation canals and reservoirs in certain States and Territories under act of March 3, 1891, etc.—Continued.

Name.	State or Territory.
Brady (Thomas E.) Canal and Reservoir	Montana.
Brockman (Fred) Reservoir*	Colorado.
Brown (Walter) Reservoirs	Montana.
Brubaker (S. J.) and Moorman (E. W.) Reservoir	California.
Bruster (John) Reservoir and Ditches	Washington.
Buekhorn Reservoir	California.
Buckley (Patrick) Reservoir	Montana.
Burg (Chas.) Reservoir*	Colorado.
Burnett (Stella C.) Reservoir and Ditch	Do.
Bye (Oluf J.) Reservoir and Canal*	Montana.
Bye (O. J. and G. M.) Reservoir and Canal*	South Dakota
	and Montana.
Cache Valley Canal Co.	Idaho.
Caldwell (C. J.) Reservoirs and Canals	California.
Calley and McCallister Ditch Co.	New Mexico.
Canon Creek Reservoir Co.	California.
Canyon Canal Co. (Limited)	Idaho.
Canyon Creek Reservoir Co.	Montana.
Carter (J. W., P. C., G. W., and S.) Reservoir and Ditch	Do.
Carter (Stewart) Reservoir and Ditch	Do.
Central Canal Co.	California.
Chaffee County Ditch and Canal Co.	Colorado.
Chevelon Irrigation Co.	Arizona.
Chicala Water Co.	California.
Cimarron and Uncompahgre Valley Canal and Reservoir Co.*	Colorado.
Clafin (William) Reservoirs and Canal	Arizona.
Claremont Land and Irrigation Co.	Oklahoma.
Clark (J. M.) Reservoir	Idaho.
Clark (Peter A.) Reservoir	Montana.
Clear Creek Reservoir	Do.
Clear Lake Reservoir and Canal	Utah.
Coal Creek Reservoir Co.*	Colorado.
Colorado Colony Ditch Co.	Wyoming.
Colorado Consolidated Land and Water Co.	Colorado.
Colorado Land and Water Co.	Do.
Columbia Colonization Co. (formerly Victor Reservoir Co.)	California.
Columbine Ditches	Colorado.
Columbine Reservoir and Investment Co.*	Do.
Conrad Investment Co.	Montana.
Consolidated Reservoir and Ditch	Colorado.
Consolidated Reservoir Co.	Wyoming.
Cook (William W. and John A.) Reservoir and Ditches	Montana.
Cornwell (Robt. L.) Reservoirs	Do.
Cornwell (Robt. L.) and Carlson (O. W.) Reservoirs	Do.
Courtright (Geo. W.) Reservoir and Channel	California.
Cowan (David) Reservoir and Ditch	Montana.
Cowychee Reservoir and Canal Co.	Washington.
Cox (L. S.) Reservoir (River Dale Reservoir)	Colorado.
Coyote Reservoir and Canal	Arizona.
Crafton Water Co.	California.
Crafts (David) Reservoir and Canal	Utah.
Craig (E. H. and J. R.) Ditch and Reservoir	California.
Crandall (Amanda E.) Reservoir	Montana.
Crane Lake Reservoir and Supply Ditch*	Colorado.
Crater Storage Reservoir No. 2*	Do.
Craterville Mining and Water Co.*	Oklahoma.
Cresecent Reservoir*	Montana.
Cressler (W. T.) Reservoir*	Nevada.
Crigler (E. S.) Ditch	Nebraska.
Crittenden Canals	Arizona.
Crow Creek Reservoirs and Canals	Colorado.
Crowley (J. W.) Reservoir and Canal	California.
Cull (Seaton T.) Ditch	Do.
Cushing (Thos.) Reservoir*	Montana.
Cutting & Patten Reservoir and Ditch*	Do.
C. W. (Charles Wolf) Ditch and Reservoir	Colorado.
Daley (Thos. H.) Reservoir and Ditches*	Montana.
Dane Reservoir and Ditch	Do.
Dannhauser (John) Ditch and Reservoir	California.
Dannhauser (Joseph) Ditch and Reservoir	Do.
Danks (M. O.) and Dick (Wm. T.) Irrigating Ditch	Oklahoma.
Darling (M. A.) Reservoir	Montana.
Davey (Albert) Reservoir	Do.
Davidson (George) Reservoir	Do.
Davidson (Jas. D.) Reservoir and Ditch*	Do.
Davis Bros. (Geo. A. and Fred. G.) Reservoirs and Canals*	South Dakota.
Davis and Weber Counties Canal Co.	Utah.
Davis (Edwin W.) Reservoir No. 4	Colorado.
Dawson (L. J.) Ditches and Reservoir	Do.
Delta (city of), Colorado, Water Works*	Do.

Right of way granted for irrigation canals and reservoirs in certain States and Territories under act of March 3, 1891, etc.—Continued.

Name.	State or Territory.
Demmon (John) Reservoir	Montana.
Denver Power and Irrigation Co.	Colorado.
De Remer (J. R. and J. S.) et al. Canal and Pipe Line*	Do.
Deschutes Reclamation and Irrigation Co.	Oregon.
Deseret and Salt Lake Agricultural and Manufacturing Canal Co.	Utah.
Deseret Irrigation Co. (Fool Creek Reservoirs and Canal)	Do.
Desert Lake Reservoir and Irrigation Co.	Montana.
Divide Creek High Line Ditch Co.*	Colorado.
Doggie Creek Reservoir and Ditch	Montana.
Donald (Albert A.) Reservoir*	Do.
Dorris (K. D.) Reservoir and Canals	California.
Dorrity (James B.) Reservoir	Montana.
Doughty (F.) Reservoirs*	Colorado.
Drabbs (Sarah A.) Ditch*	Montana.
Drabbs (Septimus) Reservoir*	Do.
Dry Creek Reservoir and Supply Ditch*	Colorado.
Duck Lake Reservoir*	Montana.
Dunbar (Fred G.) Reservoir*	Do.
Dunbar Reservoir	Do.
Durell (B. S. and Alonzo) Reservoir and Ditch*	Do.
Eagar Irrigation Co.	Arizona.
East Park Storage Reservoir	Utah.
Elizabeth Lake Reservoir Co.	California.
Elk Creek Reservoir No. 1.	Colorado.
Elk Creek Reservoir No. 2.	Do.
Elliott (Owa V.) Reservoirs*	Montana.
Elma Reservoir and Irrigation Co. (Limited)*	Idaho.
Elmore County Irrigation Co.	Do.
Emerson (Thomas) Reservoir and Ditch	Colorado.
Entiat Improvement Co.	Washington.
Escondido Irrigation District	California.
Essex and Salisbury Reservoir and Ditch	Do.
Etiwanda Water Co.	Do.
Eureka Ditch System*	Colorado.
Eureka Reservoir	Montana.
Eureka Reservoir, Canal, and Irrigation Co.	Do.
Fall River System of Reservoirs*	Colorado.
Farmers' Canal Co.	Nebraska.
Farmers' Irrigating Ditch Co.*	Colorado.
Fee (James) Reservoir and Ditches	California.
Ferguson (Robert) Ditches and Reservoir	Colorado.
First New Mexico Reservoir and Irrigation Co.	New Mexico.
Florida Canal Co.*	Colorado.
Fogarty (Edmond) Reservoir	Montana.
Ford (J. Martin) Ditch	Oklahoma.
Forder Ditch	Colorado.
Forest Reservoir*	Do.
Fort Laramie South Side Ditch	Wyoming.
Fox (James E.) Reservoir	Montana.
Fremont Mining and Development Co.*	Colorado.
Frog Lake Reservoir	California.
Gardiner (John) and Mechem (Alvarus) Reservoir	Utah.
Garland (Richard W.) Reservoirs	Montana.
Geneva Falls Reservoir	Colorado.
Glover and Force Canal	Idaho.
Gloyn (Fred) Reservoir	Montana.
Gould (Henry) Reservoir*	Do.
Gower (Noah) Ditch and Reservoirs	Colorado.
Grand Mesa Reservoir Co.	Do.
Granger (Arthur R.) Reservoir	Montana.
Granite Coulee Reservoir and Ditch	Do.
Grantham (Thomas) Canals and Reservoirs	Colorado.
Grape Creek Reservoir	Do.
Grass Lake Reservoir	Montana.
Grass Valley Land, Loan, and Irrigation Co.	Colorado.
Gray (William) Reservoir	Montana.
Great Plains Water Co.	Colorado.
Greenback Grave Reservoir*	Montana.
Greenberg (D. W.) Reservoir	Idaho.
Griffin (James E.) Ditch and Reservoir	Montana.
Griffith (Walter S.) Reservoir	Do.
Grindstone Reservoir and Ditch	Do.
Grizzly Reservoir*	Colorado.
Groesbeck (Frank B.) Reservoir	Arizona.
Gross Canal and Reservoir (relinquished)	Colorado.
Hale Reservoir*	Do.
Halcyon (Ora) Ditches	Wyoming.
Halverson (Hiram) Reservoir	Montana.
Hamilton Irrigation Co., now Los Angeles Mountain Water Co.	California.
Hammer (Thos. A. and Henry) Reservoir*	North Dakota.

Right of way granted for irrigation canals and reservoirs in certain States and Territories under act of March 3, 1891, etc.—Continued.

Name.	State or Territory.
Haughey (G. M. and E. V.) Reservoir and Ditch *	Colorado.
Havre Reservoir and Ditch	Montana.
Hebbelmann (Herman) Reservoir and Ditch	Do.
Hecht (Charles) Ditches and Reservoirs	Wyoming.
Henderson (Thomas) Reservoirs	Montana.
Henry Investment Co	Colorado.
Hermes-Bosch Reservoir and Ditch	Montana.
Hermes-Johnson Reservoir	Do.
Hermes (Maria) Ditch	Do.
Herren (Geo. W.) Ditch	Do.
High Line Reservoir Co	Colorado.
Hilton (Chas. E. and Geo.) Reservoir and Ditches *	California.
Hinsdale Canal	Montana.
Hoge (James M.) Storage Ditch and Reservoir	Wyoming.
Holbrook Land and Water Co	Utah.
Holden (Walter) Reservoir	Montana.
Holmen-Houts Reservoir and Canals	California.
Holmer-Flagler Reservoir	Montana.
Horse Creek Irrigating Canal and Reservoir	Wyoming.
Howe (C. O.) Reservoir	Arizona.
Howell (Geo. W.) Reservoir and Ditch *	California.
Hudson Reservoir and Canal Co. (act Feb. 15, 1897, 29 Stat. L., 527, through Gila River Indian Reservation, Ariz.).	Arizona.
Huning (Henry) Reservoir	Do.
Huntington Canal and Agricultural Association	Utah.
Hurst (Wm. D.) Reservoirs *	Montana.
Independence Ditch	Colorado.
Inyo Canal Co	California.
Irrigation Land and Improvement Co.*	Arizona.
Jack (Edwin) et al. Reservoir *	South Dakota.
Jaritas Ditch and Reservoir Co	New Mexico.
Jeffers (Jos. M.) Reservoir *	Montana.
J. M. (John Meyer) Ditch and Reservoir	Colorado.
J. M. (John Meyer) Reservoir Outlet Ditch	Do.
Johnson (L. A.) Reservoir *	Do.
Jones (Lyman) Reservoir	California.
Kearney Lake Reservoir Co	Wyoming.
Kehmeier (Wm. F.) Reservoir *	Colorado.
Kepple (Nellie) Reservoir *	Montana.
Kern Rand Co	California.
Kern River Co	Do.
Kern Valley Water Co	Do.
Kerr (Donal) Reservoir *	North Dakota
Kilgore (Mary L.) Reservoir *	Oregon.
Kitson (T. E.) Reservoir *	Colorado.
Koger (Thos. D.) Reservoir and Canal *	South Dakota.
Kress (F. G.) Ditch *	Colorado.
Laguna Canal Co	Do.
La Joya Ditch and Reservoir	Do.
La Junta and Lamar Canal Co	Do.
La Junta Canal Co	Arizona.
Lake Canal	Colorado.
Lake Hemet Water Co	California.
Lake Koen Navigation Reservoir and Irrigation Co	Kansas.
Lamar Land and Canal Co	Colorado.
Lauehbury (Emma and Thomas) Reservoir and Canal	Wyoming.
Lauer (E.) Ditches and Reservoir	California.
Lawrence Canal and Reservoirs	Nebraska and Wyoming.
Leamington Water and Land Co	Utah.
Le Noir (James L.) Reservoir	Montana.
Lens (Adam) Reservoir	Do.
Leone Reservoir	Colorado.
Lewis (G. W. and Q. A.) et al. Reservoir and Ditches *	Do.
Lineke (H. Hugo) Reservoir	Montana.
Little Deschutes Irrigation Co	Oregon.
Loch Lomond System of Reservoirs *	Colorado.
Lohman Reservoir	Montana.
Lone Cone Ditch Co.*	Colorado.
Long (Catherine T.) Reservoir	California.
Longs Peak Reservoir and Irrigation Co	Colorado.
Long Valley Reservoir *	California.
Lopez Reservoir	Arizona.
Los Angeles Mountain Water Co., successor to Hamilton Irrigation Co	California.
Lowell (Wm.) Reservoir and Ditch	Montana.
Lowell (Wm. C.) and Pulse (Wm. J.) Reservoir and Ditch *	Do.
Loyd (Saml. C.) Reservoir	Do.
Lucerne Canal and Power Co	Wyoming.
Lucerne Land and Water Co	Utah.
Luna Irrigation Co	Arizona.
Luse (John W.) Ditch and Reservoir	Montana.

Right of way granted for irrigation canals and reservoirs in certain States and Territories under act of March 3, 1891, etc.—Continued.

Name.	State or Territory.
Lyon (Bion K.) Twin Reservoirs.....	Montana.
Lytle (Clark) Reservoir.....	Do.
MacRae (Donald A.) Reservoir and Ditch*.....	Do.
McBride (Wm.) Reservoir*.....	Do.
McKenzie (G. F.) Reservoir*.....	Do.
McLaren (John) Reservoir.....	Do.
McLean (Duncan) Reservoir.....	Do.
McLeish (Dorothy) Reservoir*.....	Do.
Mabee (Harriett M.) Ditch and Reservoir.....	Do.
Mabee (Wm. W.) Reservoir.....	Do.
Magnum Reservoir.....	Do.
Mahoney (John) Reservoir and Ditch.....	Wyoming.
Mairs (O. L.) and Key (Thos. W.) Reservoirs.....	California.
Malheur and Harney Lake Irrigation and Land Co.....	Oregon.
Mammoth Canal and Reservoir Co.....	Utah.
Mammoth Reservoir, now Mammoth Reservoir Co.....	Do.
Manney (Frank J.) Reservoirs.....	Colorado.
Marlow (T. A.) Reservoir and Ditch.....	Montana.
Marquand (Theodore F.) Reservoir and Ditches.....	Arizona.
Martin (Wm. H.) Reservoir.....	Montana.
Meadow Reservoir.....	Arizona.
Meeham (Alvarus) Reservoir.....	Utah.
Melville, Ray and Letcher Reservoir and Canal.....	Do.
Melz (Albert) Reservoir.....	Montana.
Memminger (Louisa A.) Reservoir*.....	Do.
Mesa Creek Reservoir and Canal Co.*.....	Colorado.
Midland Canal Reservoir and Land Co.....	Do.
Miller (J. E.) Reservoir.....	Idaho.
Mills (Lincoln H.) Reservoir.....	Montana.
Milner Pass Ditch System*.....	Colorado.
Minnie Reservoir and Ditch.....	Montana.
Mitchells Reservoir and Ditches.....	Colorado.
Montana Water Electric Power and Mining Co.....	Montana.
Montgomery Reservoir and Ditch.....	Wyoming.
Morrison (S. W.) Irrigation System.....	Wyoming.
Morton (John S.) Reservoir.....	Montana.
Mountain View Ditch and Reservoir.....	Colorado.
Mount Lincoln Land and Water Co.....	Do.
Mount Nebo Reservoir.....	Utah.
Mount Tecarte Land and Water Co.....	California.
Mount Whitney Power Co.....	Do.
Mullins Canal and Reservoir Co.....	Idaho.
Murray (Charles) Reservoir.....	Montana.
Myers (D. E.) Pipe Line.....	California.
Neal (John H.) Reservoir, Ditches, and Laterals.....	Oregon.
Neece (Wm. M.) Reservoir*.....	Colorado.
Neilson and Collar Reservoir.....	Utah.
Nelson (Edmund) Reservoir.....	Arizona.
Nelson (Fred) Reservoir*.....	Montana.
Nelson (H. H.) Reservoirs.....	Do.
Nelson (W. H.) Reservoirs.....	California.
Neponset Land and Live Stock Co.....	Utah.
Neubert (Cyrus T.) Reservoir.....	Montana.
New Empire Reservoir and Canal*.....	Colorado.
Nicholls (Stephen) et al. Ditch*.....	Do.
Nippel (Edward) Reservoir and Irrigation Ditch.....	Do.
Nohle (A. F.) Reservoir and Ditch*.....	Montana.
North Delta Canal Co.*.....	Colorado.
North Fork Reservoir*.....	Do.
Northern Pacific, Yakima and Kittitas Irrigation Co.....	Washington.
North Point Consolidated Irrigation Co.....	Utah.
North Poudre Irrigation Co.*.....	Colorado.
Norval Flat Reservoir.....	California.
Nun Creek Reservoir and Supply Ditch Co.*.....	Colorado.
Nystrom (August) et al. Reservoir.....	Montana.
O'Hanlon (Henry J.) Reservoirs.....	Do.
Okie (J. B.) Reservoir and Ditch.....	Wyoming.
Oleson (Christopher) Reservoir.....	South Dakota.
Oneal (Hugh) and Baupre (Henry) Reservoir and Ditch*.....	Montana.
Onion Valley Reservoir.....	Colorado.
Otero Canal Co.....	Do.
Otter Creek Reservoir Co.....	Utah.
Palmdale Irrigation Co.....	California.
Palmer (Noah) and Halliday (Danl.) Drains and Pipe Line.....	Do.
Parker (Frank D.) Reservoirs.....	Montana.
Park Reservoir Co.*.....	Colorado.
Parsons (Wm S.) Reservoir*.....	North Dakota.
Partridge (Geo. L.) Reservoir.....	Montana.
Patterson (Edith B.) Reservoir.....	Do.
Patterson (John F.) Reservoir.....	Do.
Pawnee Water Storage Co.*.....	Colorado.

Right of way granted for irrigation canals and reservoirs in certain States and Territories under act of March 3, 1891, etc.—Continued.

Name.	State or Territory.
Payne (H. G. and C.) Reservoir and Ditch.....	California.
Pearson (John D.) Reservoir.....	Montana.
Pecos Irrigation and Improvement Co.....	New Mexico.
Peers (Ezekiel) Reservoir and Canal*.....	Montana.
Perry (Clarence R.) Reservoir.....	Do.
Phillips (Benjamin D.) Reservoirs.....	Do.
Pilot Butte Development Co.....	Oregon.
Pima Land and Water Co. (act Feb. 25, 1889, 25 Stat. L., 693, through Fort Lowell Military Reservation).	Arizona.
Pine Valley Consolidated Water and Land Co.....	California.
Pioneer Canal Co.....	Wyoming.
Piru Creek Reservoir (relinquished).....	California.
Platteville Reservoir.....	Colorado.
Pleasant Valley Farmers' Mutual Canal and Land Co.....	Do.
Pocatello Water Co., Limited.....	Idaho.
Ponsford (William J.) Reservoir.....	Colorado.
Pope (Hamilton) and Shoman (Henry) Reservoir.....	Do.
Potter (Edward and Clyde) Reservoir and Ditch*.....	Montana.
Potter (J. J. and T. T.) Reservoir and Canal.....	California.
Powell (Edwd.) Reservoir.....	Montana.
Prescott (A. K.) Reservoirs.....	Do.
Price (Maurice C.) Reservoir*.....	Do.
Pugsley (Leonard D.) Reservoir.....	Do.
Pugsley (M. F.) Reservoir.....	Do.
Pulse (Wm. J.) Reservoir and Ditch.....	Do.
Purser (E. T.) Reservoirs and Ditches.....	California.
Putnam (George) Reservoirs and Ditch.....	Montana.
Ramah Land and Irrigation Co.*.....	New Mexico.
Red Creek Ditch and Reservoir*.....	Colorado.
Red Rock Reservoir.....	Montana.
Reed and Houle Reservoirs.....	Colorado.
Reser (Bertha G.) Reservoir.....	Montana.
Revenue Ranch and Water Co.....	Colorado.
Reynolds Reservoir and Ditches.....	Do.
Ritchville Ditch and Reservoir Co.....	Arizona.
Rillito Canal Co.....	Do.
Rio Grande Dam and Irrigation Co.....	New Mexico
Rio Verde Canal Co.....	Arizona.
Ripley (Ben) Reservoir*.....	Montana.
Roberts (H. M.) Reservoir.....	California.
Roberts (Wm. R.) Reservoir and Ditch.....	Montana.
Roby (Amelia M.) Reservoir.....	Colorado.
Rock Creek and Piney Reservoir and Ditch Co.....	Wyoming.
Rocky Ford Canal Reservoir Land Loan and Trust Co.....	Colorado.
Ross (Alexander) Reservoirs.....	Montana.
Ross (Geo. A.) Reservoir and Canal.....	South Dakota.
Ross (Myrtle) Reservoir and Canal*.....	Do.
Round Valley Water Storage Co.....	Arizona.
Ruby Water Co.*.....	Montana.
Running Dutchman Ditch.....	Wyoming.
Rumyan (Levi N.) Reservoir.....	Montana.
St. Johns Irrigation Co.....	Arizona.
Sand Aroya Reservoir Inlet and Outlet Ditches*.....	Colorado.
San Fernando Valley Water Co.....	California.
San Joaquin Electric Co.....	Do.
Schreiner (Nicholas H.) Reservoir and Ditch.....	Wyoming.
Schwab (John L.) Reservoirs and Ditches.....	Colorado.
Schwartz (Byron L.) Reservoir.....	Montana.
Scipio Irrigation Co.....	Utah.
Settlers' Milling Canal and Reservoir Co.....	Oklahoma.
Seven Mile Flat Reservoir.....	Utah.
Sevier-Tintie Reservoir.....	Do.
Shawnee Ditch.....	Wyoming.
Shropshire (R. W.) Reservoir.....	Colorado.
Shumway (Mahala) Reservoir and Ditches.....	California.
Sierra Irrigating Ditch Co.....	New Mexico.
Silva (John) Reservoir and Ditches.....	California.
Silver Lake Reservoir.....	Colorado.
Silverman (Julius) Reservoir.....	Montana.
Sink (Dan S.) Reservoir*.....	North Dakota.
Skousen (James N.) Reservoir.....	Arizona.
Slayton (John A.) Ditch.....	Colorado.
Slippy (Isaac N.) Reservoir.....	California.
Small (Jas. M.) Reservoir.....	Oregon.
Small (Geo. H.) Reservoir.....	Do.
Smith (Chas. W.) Reservoir*.....	North Dakota.
Smith (Frank M.) Canal.....	California.
Smith (Jas. A.) Reservoir and Ditch*.....	Montana.
Smith (John L.) and Dunham (Wm.) Reservoir.....	Colorado.
Smith (W. L.) Reservoir and Ditch*.....	Do.
Snowflake and Taylor Irrigation Co.....	Arizona.

Right of way granted for irrigation canals and reservoirs in certain States and Territories under act of March 3, 1891, etc.—Continued.

Name.	State or Territory.
Sorenson (Hans) Reservoir and Canal*.....	South Dakota.
Southern California Improvement Co.....	California.
Southern California Mountain Water Co.....	Do.
South Platte Canal and Reservoir Co.....	Colorado.
South Platte Land, Reservoir, and Irrigation Co.....	Do.
Spaulding (Jno. T.) Reservoirs.....	California.
Sprinkle (Robert L.) Reservoirs.....	Montana.
Squires (John W.) Ditch and Reservoir.....	Do.
Staff (Thos., Martha, and John) Reservoir and Ditch*.....	Do.
State Line Reservoir*.....	South Dakota.
Sterner (Anthony and Philip) Reservoir*.....	Colorado.
Stewart (R. D.) Reservoir and Ditch.....	Do.
Stiehl (Frank J.) Reservoir*.....	Montana.
Stobie (J. B.) Reservoir*.....	California.
Stocker (Luther C.) Reservoir.....	Montana.
Stoltenberg (Alice Clara) Reservoir and Canal.....	Do.
Stott (Elmer E.) Ditch and Reservoir.....	Do.
Summit Lake Irrigation Reservoir.....	Do.
Surface Creek Ditch and Reservoir Co.....	Colorado.
Swan Lake Reservoir and Canal Co.....	Utah.
Sweetman (L. D., R. H., and A. M.) Reservoir*.....	Montana.
Sweetwater Irrigation Co. (successor to San Diego Land and Town Co.)*.....	California.
Swift Creek Reservoirs.....	Colorado.
Swink (G. W.) Reservoir and Canal.....	Do.
Tarryall Reservoir and Ditch Co. (now Tarryall Reservoir).....	Do.
Tarryall Reservoir (successor to Tarryall Reservoir and Ditch Co.).....	Do.
Taylor (Peter) Reservoir.....	Montana.
Taylor (Wm. F.) Reservoir.....	Do.
Taylor (Wm. H.) Reservoir.....	Do.
Tenney (Samuel B.) Reservoir.....	Arizona.
Tergen (John J.) Reservoir and Canals*.....	Montana.
Ternahan Reservoirs*.....	Colorado.
Terrell (Jacob) Reservoir*.....	Montana.
Thibadeau (Elizabeth) Reservoir.....	Do.
Thibadeau (John) Reservoir.....	Do.
Thuet (Geo.) Reservoir*.....	North Dakota.
Thompson (R. L.) Reservoir.....	Montana.
Thorington (W. R.) et al Reservoirs*.....	California.
Three Mile Reservoir.....	Montana.
Tinney (Albert W.) Reservoir.....	Do.
Tomas (Thos.) Reservoir*.....	Do.
Trail Creek Reservoir*.....	Do.
Trail Gulch Reservoir.....	Colorado.
Truscott (John L.) et al Ditch*.....	Montana.
Turkey Creek Reservoir.....	Colorado.
Turner Canal.....	Montana.
Twin Lake Reservoir.....	Colorado.
Twin Lakes Reservoir Co.....	Arizona.
Udall (David H.) Reservoir and Canal*.....	Do.
Umatilla Irrigation Co. (act Feb. 10, 1891, 26 Stat. L., 745, and act Feb. 9, 1894, 28 Stat. L., 37, through Umatilla Indian Reservation, Oreg.).....	Oregon.
Union Land and Stock Co.....	California.
Union Water Co.....	Do.
University Canal Co.....	Arizona.
Ute Mesa Reservoir and Irrigation Co.....	Colorado.
Ute Park Improvement Co.....	Do.
Vela (Jas.) Reservoir*.....	Do.
Veseth (Ole) Reservoir and Ditch*.....	Montana.
Victor Reservoir Co., now Columbia Colonization Co.....	California.
Vigil Reservoir.....	Arizona.
Vigil-Valdes Reservoir.....	Colorado.
Wallace (William) Reservoir and Ditch.....	Montana.
Walter (Louis W.) Reservoir.....	Colorado.
Wasatch Water Co.....	Utah.
Water Supply and Storage Co.....	Colorado.
West Side Ditch and Reservoir Co.....	Arizona.
Whitbread (Emily) Reservoir*.....	Montana.
Whitcomb (Chas.) Reservoir.....	Do.
White (Geo., Anne, David J., and Elbridge M.) Reservoir.....	Do.
White Horse Reservoir.....	California.
White Mountain Reservoir and Canal.....	Utah.
White Mountain Reservoir Co.....	Do.
Whitmore (George C.) Pipe Line.....	Do.
Whitmore (John A.) Reservoirs.....	Montana.
Whitney (W. Grant) Reservoir.....	Idaho.
Whitted (John) Reservoir.....	Montana.
Wild Horse Lake Reservoir and Ditch*.....	Do.
Wild Horse Reservoir.....	California.
Wilhelmina Reservoir and Ditches.....	Montana.
Williams (C. J.) Reservoir and Ditch.....	Do.
Williams (Mary S.) Reservoir and Ditch.....	California.

Right of way granted for irrigation canals and reservoirs in certain States and Territories under act of March 3, 1891, etc.—Continued.

Name.	State or Territory.
Williams (Wm. H.) Reservoir.....	Colorado.
Williamson (William M.) Ditch and Reservoir.....	Montana.
Willow Reservoir.....	Wyoming.
Wilson (James) Reservoir.....	Montana.
Wilson (John B.) and Thompson (John D.) Reservoirs.....	Do.
Wood (Charles C.) Reservoir.....	Colorado.
Wood (Sam H.) Reservoir*.....	Montana.
Wood (William F.) Reservoir.....	Do.
Woods (Hardy) Reservoir*.....	Colorado.
Woolverton and Lee Reservoir and Canals.....	Montana.
Wright (W. W.) Reservoir and Ditch.....	California.
Wyoming Development Co.....	Wyoming.
Yakima Irrigation and Improvement Co.....	Washington.
Yuma Pumping Irrigation Co. (act of Jan. 20, 1898, 27 Stat. L., 420, through Yuma Indian Reservation).	Arizona.
Zombro (Colliver) Canal.....	California.
Zwisler (C. E.) Reservoir and Ditch.....	Do.

Total number, 552. Number separate cases, 548.

PERMISSION TO USE RIGHT OF WAY FOR TELEGRAPH AND TELEPHONE LINES, ELECTRICAL PLANTS, CANALS, RESERVOIRS, TRAMROADS, ETC.

By the act of February 15, 1901 (31 Stat. L., 790), the Secretary of the Interior is authorized to permit the use of rights of way through the public lands, forest, and other reservations of the United States, and the Yosemite, Sequoia, and General Grant national parks, California, for telegraph and telephone lines, electrical and water plants, and canals, reservoirs, etc., for the storage and conveyance of water for all beneficial uses.

This act provides for every purpose contemplated by the acts of January 21, 1895 (28 Stat. L., 635), May 14, 1896 (29 Stat. L., 120), and section 1 of the act of May 11, 1898 (30 Stat. L., 404), and for other purposes additional thereto, except for tramroads, the provisions relating to them contained in the said acts of 1895 and 1898 remaining unmodified and not being in any manner extended.

Although the act of 1901 does not expressly repeal any of these acts, yet, considering that this act covers the general scope and purpose of all the others, it is held to be proper, for administrative reasons, that the later act should control as to the granting of permission for the use of rights of way for the purposes specified in the act of 1901, under which it is therefore required that all such applications shall be made. Applications for permission to use right of way for tramroads will continue to be governed by the provisions of the aforesaid acts of 1895 and 1898.

Under the acts of 1896 and 1901, aforesaid, providing for permission to use rights of way for electrical purposes, applications have been approved to 33 companies, individuals, and associations of individuals.

There were received during the year 56 maps, which, with those pending July 1, 1903, made a total of 84 maps requiring action. Of these 33 were approved and 20 otherwise disposed of, most of the latter by returning for correction, leaving 31 awaiting action June 30, 1904.

Under the provisions of the tramroad act of 1895, as amended by the act of 1898, applications for permission to use right of way have been

approved to 12 companies, individuals, and associations of individuals, 2 of which received their first approval during the past year. There was received during the year, under these acts, 1 map, which, with those already pending, made a total of 3 maps on hand for action during the year; of these 2 were approved as aforesaid and 1 returned for correction (since which time it has not been refiled), thus clearing the docket of maps of this character.

Instructions for the preparation of applications under the act of February 15, 1901, including also instructions for the preparation of applications for permission to use right of way for tramroads, will be found in the circular of July 8, 1901.

RESERVOIRS FOR THE PURPOSES OF STOCK BREEDING AND TRANSPORTATION.

By the act of January 13, 1897 (29 Stat. L., 484), the construction of reservoirs upon unoccupied public lands, not mineral or otherwise reserved, is permitted upon certain conditions.

At the beginning of the fiscal year there were pending 4,073 reservoir declaratory statements under said act, and during the year there were received 858 new applications, making a total of 4,931 applications susceptible of being acted upon during the year. Of these 2,459 were acted upon as follows: Canceled or relinquished, 1,986; held for rejection or amendment, 419; approved, 54. The foregoing number having been acted upon there remained pending unacted upon on June 30, 1904, 2,472 applications, to which may be added the number (419) acted upon, but not finally disposed of, making a total of 2,891 applications pending at the close of the year.

During the past year the final proofs required by the law have been made in 54 cases, and have been approved by the Secretary of the Interior. The lands involved are now reserved "so long as such reservoir is kept in repair and water kept therein." and the applicants are required by the regulations to submit annual proof of compliance with the law in this respect.

Instructions for the preparation and filing of reservoir declaratory statements and the filing of proofs of construction and maintenance under the act will be found in the circular of June 26, 1902.

STATE DESERT-LAND SEGREGATIONS.

By section 4 of the act of August 18, 1894 (28 Stat. L., 372-422), provision is made for the donation to each of the States in which there may be situated desert lands of not more than 1,000,000 acres of such land as the State may cause to be irrigated, reclaimed, occupied, and cultivated by actual settlers. This act has been amended by a provision in the act of June 11, 1896 (29 Stat. L., 413-434), to the effect that a lien is authorized to be created by the State upon the lands segregated, and that when an ample supply of water is actually furnished to any tract or tracts thereof patent shall issue to the State for the same without regard to settlement or cultivation. A further amendment was made by section 3, act of March 3, 1901 (31 Stat. L., 1133-1188), by which it is provided that the time for the reclamation of the lands in each list shall be ten years from the date of its approval. If

the lands shall not be irrigated and reclaimed in that time the Secretary of the Interior may continue the segregation of the lands for a period not exceeding five years, or he may restore such lands to the public domain.

Lists have been filed by the States during the year as follows: State of Colorado, 1, aggregating 1,381.27 acres; State of Idaho, 2, aggregating 111,130.77 acres (one list of which, embracing 92,796.74 acres, is before this office on appeal from decision of local office rejecting the same); State of Oregon, 5, aggregating 17,783.60 acres; State of Wyoming, 5, aggregating 86,019.63 acres (one list of which, embracing 26,936.03 acres, is before this office on appeal from decision of local office rejecting the same).

Lists have been approved during the year as follows: State of Idaho, 2, aggregating 24,241.22 acres; State of Montana, 1, aggregating 3,675.22 acres; State of Oregon, 2, aggregating 28,284.83 acres; State of Wyoming, 5, aggregating 88,144 acres.

Patents have been issued under said act during the year as follows: State of Montana, 1, aggregating 10,104.03 acres; State of Wyoming, 3, aggregating 18,413.03 acres.

Instructions for the preparation of lists, etc., under this act will be found in the circular approved January 15, 1902, which also contains instructions for the submission of proof of reclamation with a view to the issuance of patents for the lands.

Statement of segregations applied for under the act of August 18, 1894 (28 Stat. L., 172-422) and the acts amendatory thereof, with the action taken thereon, from the passage of the act to July 1, 1904 (areas in acres).

Applications filed and temporarily segregated:

Colorado	39, 247. 06
Idaho	361, 350. 35
Montana	100, 002. 78
Nevada	12, 644. 61
Oregon	275, 757. 90
Utah	236, 457. 50
Washington	102, 501. 34
Wyoming	516, 594. 79

Total	1, 644, 556. 33
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Approved and patented:

Wyoming	29, 734. 03
Montana	10, 104. 03

Total	39, 838. 06
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Approved, not patented:

Idaho	337, 866. 17
Montana	87, 426. 19
Oregon	121, 786. 04
Wyoming	397, 974. 18
Less amount restored	6, 816. 38
	<hr/> 391, 157. 80

Total	938, 236. 20
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Relinquished, rejected and otherwise disposed of:

Colorado, acted on	39, 247. 06
Idaho—	
Relinquished	18, 938. 69
Rejected	4, 745. 49
	<hr/> 23, 484. 18

Relinquished, rejected and otherwise disposed of—Continued.

Montana—		
Relinquished	160. 00	
Rejected	2, 312. 56	
	<hr/>	2, 472. 56
Nevada, acted on		12, 644. 61
Oregon—		
Relinquished	26, 076. 00	
Acted on	122, 149. 75	
	<hr/>	148, 225. 75
Utah—		
Relinquished	221, 143. 71	
Rejected	15, 313. 79	
	<hr/>	236, 457. 50
Washington—		
Relinquished	2, 346. 23	
Rejected	319. 94	
Acted on	99, 835. 17	
	<hr/>	102, 501. 34
Wyoming—		
Relinquished	8, 626. 85	
Rejected	29, 516. 21	
Acted on	18, 479. 34	
	<hr/>	56, 622. 40
Total		621, 655. 40
Waiting action June 30, 1904:		
Oregon	5, 746. 11	
Wyoming	39, 080. 56	
	<hr/>	44, 826. 67
Total		1, 644, 556. 33
Grand total		

Idaho list No. 8, covering 92,796.74 acres and Wyoming list No. 27, covering 26,936.03 acres are pending on appeal from decisions of the local officers rejecting them.

Arkansas	Feb. 9, 1853	10	155	St. Louis, Iron Mountain and Southern.	6 and 15	1,325,141.36
Do.	July 28, 1866	14	338	do extending the time for the completion of first 20 miles of road.	Additional 5.	762.96
Do.	May 6, 1870	16	376	Resolution.		
Do.	Feb. 9, 1853	10	155	Little Rock and Fort Smith.	6 and 5.	1,052,082.51
Do.	July 28, 1866	14	338	do	Additional 15.	
Do.	Apr. 10, 1869	16	46	Act extending the time for completion of first 20 miles of road.		
Do.	Mar. 8, 1870	16	76	Act repealing provision in act of Apr. 10, 1869, as to mode of sale of lands.		
Do.	Feb. 9, 1853	10	155	Little Rock and Memphis.	6 and 15	184,657.33
Do.	July 28, 1866	14	338	do	Additional 5.	
Do.	July 4, 1866	14	83	St. Louis and Iron Mountain.	10 and 20.	
Do.	June 28, 1884	23	61	Act declaring the grant forfeited to the United States.		
Missouri	June 10, 1852	10	8	Southwest branch of the Pacific road.	6 and 15	2,561,881.20
Do.	June 5, 1862	12	422	Act extending time for completion of road 10 years.		1,161,284.51
Do.	June 10, 1862	10	8	Hannibal and St. Joseph.	6 and 15	611,323.35
Do.	Feb. 9, 1853	10	155	St. Louis, Iron Mountain and Southern.	6 and 15	65,120.31
Do.	July 28, 1866	14	338	do	Additional 5.	
Do.	July 4, 1866	14	83	St. Louis and Iron Mountain.	10 and 20.	
Do.	July 28, 1881	23	61	Act declaring the grant forfeited to the United States.		
Iowa	May 15, 1856	11	9	Burlington and Missouri River.	6 and 15	1,837,728.17
Do.	June 2, 1864	13	95	do	20.	389,990.11
Do.	July 1, 1864	13	335	Act authorizing the company to change or modify the location of the uncompleted portion of its line.		
Do.	Mar. 3, 1865	13	528	Act extending the time for completion of road 2 years.		
Do.	Feb. 10, 1866	14	349	Resolution extending the time for completion of road.		
Do.	May 15, 1856	11	9	Chicago, Rock Island and Pacific.	6 and 15	448,214.36
Do.	June 2, 1864	13	95	do	20.	161,532.81
Do.	Mar. 3, 1865	13	528	Act extending the time for completion of road 2 years.		
Do.	Jan. 31, 1873	17	421	Act to quiet the title to certain lands in the State of Iowa.		
Do.	June 15, 1878	20	133	Act to restore certain lands in Iowa to settlement under the homestead law, &c.		
Do.	May 15, 1856	11	9	Cedar Rapids and Missouri River.	6 and 15.	4922,813.67
Do.	June 2, 1864	13	95	do	20.	244,022.96
Do.	Mar. 3, 1865	13	528	Act extending the time for completion of road 2 years.		
Do.	May 15, 1856	11	9	Dubuque and Sioux City.	6 and 15.	4556,406.74
Do.	June 2, 1864	13	95	Act authorizing said road to change its line.		
Do.	Mar. 2, 1865	13	528	Act extending the time for completion of road 2 years.		

^aIn the adjustment of this grant the road was treated as an entirety and without reference to the State line; hence Alabama has had approved to her more and Mississippi less than they would appear to be entitled to in proportion to the length of the road in the respective States.

^bThis grant was adjusted Apr. 24, 1893, and 302,181.16 acres were allotted to the company. The balance of the certified lands were ordered restored to entry under the forfeiture act of Sept. 25, 1890.

^cCertified lands, totaling 719,189.79 acres, were reconveyed to the United States by the governor of Louisiana Feb. 24, 1888.

^dIncludes 35,685.49 acres of the Chicago, Rock Island and Pacific Railroad, 109,756.85 acres of the Cedar Rapids and Missouri River Railroad, and 77,535.22 acres of the Dubuque and Sioux City Railroad, situated in the old Des Moines River grant of Aug. 8, 1846, which should be deducted from the foregoing amount. (Wolcott v. Des Moines, 5 Wall., 631.)

Land concessions, by acts of Congress, to States and corporations for railroad and military wagon-road purposes, etc.—Continued.

States and corporations.	Date of law.	United States statutes.		Name of road, etc.	Mile limits.	Acres certified or patented for the year ended June 30, 1901.	Acres certified or patented to June 30, 1901.
		Vol.	Page.				
Iowa	Mar. 2, 1868	15	38	Act extending the time for completion of road to Jan. 1, 1872.	6 and 15.	683,037.34	
	May 15, 1856	11	9	Iowa Falls and Sioux City			
	Mar. 3, 1865	13	528	Act extending the time for completion of road 2 years.	5.	840,091.36	
	Do.	13	77	Des Moines Valley			
	Aug. 8, 1846	9	543	Chicago, Milwaukee and St. Paul.			
	July 12, 1862	12	72	McGregor and Missouri River			
	May 12, 1861	13	72	Sioux City and St. Paul			
	Do.	13	72				
	Do.	13	72				
	Do.	13	72				
Michigan	June 3, 1856	11	21	Port Huron and Lake Michigan.	6 and 15.	37,467.44	
	Mar. 3, 1879	20	490	Joint resolution releasing reversionary claim and interest of the United States in and to certain lands in Michigan.			
	Do.	11	21	Jackson, Lansing, and Saginaw.	6 and 15.	713,787.58	
	July 3, 1856	14	78	Act extending the time for completion of road 7 years.			
	Mar. 2, 1867	14	425	Act extending the time for completion of first 20 miles of road.			
	Do.	14	425	Act authorizing change of northern terminus from Traverse Bay to Straits of Mackinac, and for other purposes.			
	Mar. 3, 1871	16	586	Grand Rapids and Indiana.	6 and 15.	852,521.10	
	Do.	11	21	Grand Rapids and Indiana, from Fort Wayne, Ind., to Grand Rapids, Mich.			
	June 3, 1856	13	119	Grand Rapids and Indiana, from Fort Wayne, Ind., to Grand Rapids, Mich.			
	Mar. 3, 1865	13	520	Act extending time for completion of road 8 years.	6 and 15.	512,877.03	
	Do.	11	21	Flint and Pere Marquette			
	June 3, 1856	13	569	Resolution extending the time for completion of road.			
	Feb. 17, 1865	13	569	Act authorizing the company to change the western terminus of its road.			
	July 3, 1866	14	78	Act authorizing the company to change the western terminus of its road.	6 and 15.	437,411.30	
	Mar. 3, 1871	16	582	Act extending time for completion of road 5 years.			
	Do.	16	582	Marquette, Houghton, and Ontonagon.			
	June 3, 1856	11	21	Marquette, Houghton, and Ontonagon.	6 and 15.	33,229.56	
	Mar. 3, 1865	13	520	Resolution extending the time for completion of road, etc.			
	May 20, 1868	15	232	Act authorizing the Houghton and Ontonagon to resurvey and locate anew a part of its road.	6 and 15.	2,531.87	
	Apr. 20, 1871	17	643	Act authorizing the Houghton and Ontonagon to resurvey and locate anew a part of its road.			
	Mar. 2, 1889	25	1008	Act forfeiting grant opposite to unconstructed road.			
	June 3, 1856	11	21	Ontonagon and Brule River.			
	Mar. 2, 1889	25	1008	An act to forfeit lands granted to the State of Michigan to aid in construction of railroad from Marquette to Ontonagon, in said State.	200 sections.	128,301.05	
	Do.	13	520	Bay de Noquet and Marquette			
	Mar. 3, 1865	13	620	Chicago and Northwestern			
	July 5, 1862	12	620	Chicago and Northwestern			
	Mar. 3, 1865	13	520	Chicago and Northwestern	20.	517,954.15	
	Do.	13	520	Chicago and Northwestern			
	Mar. 3, 1865	13	520	Chicago and Northwestern	20.	3,263,549.21	

Wisconsin.....	June 3, 1856	11	20	Chicago, St. Paul, Minneapolis and Omaha (formerly West Wisconsin).....	6 and 15	813,706.71
Do.....	May 5, 1864	13	66	do.....	10 and 20	
Do.....	Mar. 2, 1873	17	634	Act to quiet title of the settlers on lands claimed by the West Wisconsin Rwy. Co.		
Do.....	June 3, 1856	11	20	Wisconsin Railroad Farm Mortgage Land Co.		163,159.65
Do.....	July 27, 1868	15	238	Act amendatory of the original act.		
Do.....	June 3, 1856	11	20	Chicago, St. Paul, Minneapolis and Omaha (formerly St. Croix and Lake Superior).	6 and 15	854,381.40
Do.....	May 5, 1864	13	66	do.....		
Do.....	June 3, 1856	11	20	Branch to Bayfield.....	10 and 20	
Do.....	May 5, 1864	13	66	do.....	6 and 15	
Do.....	June 3, 1856	11	20	Chicago and Northwestern.....	10 and 20	503,018.84
Do.....	Apr. 25, 1862	12	618	Resolution authorizing change of route in Wisconsin, etc.	6 and 15	546,446.20
Do.....	Mar. 3, 1865	13	520	Act extending the time for completion of road 5 years.		
Do.....	Mar. 3, 1869	15	307	Act authorizing selection of lands along the full extent of original route of road.		
Do.....	May 5, 1864	13	66	Wisconsin Central.....	10 and 20	838,227.69
Do.....	June 21, 1866	14	360	Resolution explanatory of the act of May 5, 1864, and authorizing certain exchanges of route in accordance with the act of the State legislature.		
Do.....	Apr. 9, 1874	18	28	Act to extend the time for completion of road to Dec. 31, 1876.		
Do.....	Mar. 3, 1875	18	511	Act authorizing the Wisconsin Central R. R. Co. to straighten the line of its road.		
Minnesota.....	Mar. 3, 1857	11	195	St. Paul, Minneapolis and Manitoba (formerly first division St. Paul and Pacific).	6 and 15	3,718,940.49
Do.....	Mar. 3, 1865	13	526	do.....	10 and 20	
Do.....	Mar. 3, 1873	17	631	Act extending the time for completion of the road 9 months.		
Do.....	Mar. 3, 1857	11	195	Western Railroad, succeeded by St. Paul and Northern Pacific R. R. Co.	6 and 15	
Do.....	Mar. 3, 1865	13	526	do.....	10 and 20	17,412.20
Do.....	July 12, 1862	12	624	Resolution authorizing the State to change the branch line under certain conditions.		3,777,582.13
Do.....	Mar. 3, 1871	16	588	Act authorizing construction of road from Crow Wing to Brainerd.		
Do.....	do.....	16	588	St. Paul, Minneapolis and Manitoba (formerly St. Vincent extension of the St. Paul and Pacific).	10 and 20	
Do.....	Aug. 5, 1892	27	390	Act providing for indemnity for above grants for lands relinquished in North and South Dakota, for which see below.		
Do.....	Mar. 3, 1873	17	631	Act extending the time for completion of the road 9 months.	6 and 15	179,734.29
Do.....	June 22, 1874	18	203	Act extending the time for completion of the road to Mar. 3, 1876, etc.	10 and 20	
Do.....	Mar. 3, 1857	11	195	Minnesota Central.....	6 and 15	1,678,618.06
Do.....	Mar. 3, 1865	13	526	do.....	10 and 20	
Do.....	Mar. 3, 1857	11	195	Winona and St. Peter.....		
Do.....	Mar. 3, 1865	13	526	do.....		
Do.....	July 13, 1866	14	97	Act allowing selection within 20 miles of road in lieu of lands sold after definite location, but prior to withdrawal, etc.		
Do.....	Jan. 13, 1873	17	409	Act extending the time for the completion of the road.	6 and 15	1,123,578.55
Do.....	Mar. 3, 1857	11	195	St. Paul and Sioux City.....	10 and 20	
Do.....	May 12, 1864	13	74	do.....		
Do.....	July 13, 1866	14	97	Act extending the time for the completion of the road 7 years.		

^a Declared to be one grant. Sec 32 L. D., 21.

Land concessions, by acts of Congress, to States and corporations for railroad and military wagon-road purposes, etc.—Continued.

States and corporations.	Date of law.	United States statutes.		Name of road.	Mile limits.	Acres certified or patented for the year ended June 30, 1894.
		Vol.	Page.			
Minnesota.....	May 5, 1864	13	64	St. Paul and Duluth.....	10 and 20	890,973.62
Do.....	July 13, 1866	14	93	Act authorizing the railroad company to make up deficiency out of land within 30 miles west of the line of the road.		
Do.....	Mar. 3, 1857	11	195	Southern Minnesota, from a point on the Mississippi River to Houston, do.....	6 and 15	
Do.....	Mar. 3, 1865	13	526	Southern Minnesota extension (now Chicago, Milwaukee and St. Paul).	10 and 20	546,564.69
Do.....	July 4, 1866	14	87	Amendatory act.	10 and 20	
Do.....	July 4, 1866	14	87	Hastings and Dakota.....	10 and 20	377,457.80
Do.....	July 13, 1866	14	97	Amendatory act.		
North Dakota.....	Aug. 5, 1892	27	390	(St. Paul, Minneapolis and Manitoba (main and branch), a special act to provide for indemnity for lands relinquished by the company.	(Minnesota.....	8,544,509.14
South Dakota.....					(Montana.....	28,322.59
					(North Dakota.....	
					(Washington.....	
Kansas.....	Mar. 3, 1863	12	772	Leavenworth, Lawrence and Galveston.....	10	6,249,446.13
Do.....	July 1, 1864	13	339	Act authorizing change of route of branch line.		
Do.....	Apr. 19, 1871	17	5	Act authorizing company to relocate a portion of its road.		
Do.....	July 24, 1876	19	101	Act declaring a portion of the grant forfeited.		
Do.....	Mar. 3, 1863	12	772	Missouri, Kansas and Texas.....	10 and 20	56.52
Do.....	July 1, 1864	13	339	Act extending the grant from Emporia to a point near Fort Riley.		
Do.....	July 26, 1866	14	289	Act making a grant from Fort Riley to the southern boundary of the State.		
Do.....	Mar. 3, 1863	12	772	Atchison, Topeka and Santa Fe.....	10 and 20	2,944,788.14
Do.....	July 23, 1866	14	210	St. Joseph and Denver City.....	10 and 20	462,853.24
Do.....	July 25, 1866	14	236	Missouri River, Fort Scott and Gulf.....	10 and 20	22,887.80
Do.....	Mar. 3, 1877	19	404	An act to secure the right of settlers upon certain railroad lands, and to repeal the first 3 sections of an act granting lands to the State for Kansas and Neosha Valley R. R.		
Corporations.....	July 1, 1862	12	489	Grand total of State grants.....		4,656,568.53
Do.....	July 2, 1864	13	356	Union Pacific, from a point near Omaha, Nebr., to a point near Ogden, in Utah Territory.	10	29,908.08
Do.....	July 3, 1866	14	79	Union Pacific.....	20	137,543.72
Do.....	July 26, 1866	14	367	Act authorizing the location of the Union Pacific R. R. from Omaha westward.		
Do.....	July 26, 1866	14	367	Resolution granting the right of way through military reserves, etc.		

Do.....	Apr. 10, 1869	16	56	Resolution for the protection of the interests of the United States in the Union Pacific and Central Pacific railroads and providing that the common terminus of roads shall be at or near Ogden, Utah, etc.				
Do.....	May 6, 1870	16	121	Act fixing the point of junction of the Union Pacific and Central Pacific railroads, etc.				
Do.....	May 7, 1878	20	56	Act amendatory to the acts of July 1, 1862, and July 2, 1864.				
Do.....	July 1, 1862	12	489	do				
Do.....	July 2, 1864	13	356	Act authorizing the location of the Central Pacific R. R. eastward.				
Do.....	July 3, 1866	14	79	Resolution for the protection of the interests of the United States in the Central Pacific and Union Pacific railroads and providing that the common terminus of the roads shall be at or near Ogden, Utah, etc.				
Do.....	Apr. 10, 1869	16	56	Act fixing the point of junction of the Central Pacific and Union Pacific railroads, etc.				
Do.....	May 6, 1870	16	121	Act amendatory of the acts of July 1, 1862 and July 2, 1864.				
Do.....	May 7, 1878	20	56	Central Pacific, successor by consolidation with Western Pacific				
Do.....	July 1, 1862	12	489	do				
Do.....	July 2, 1864	13	356	Act ratifying the assignment made by the Central Pacific R. R. Co. to the Western Pacific R. R. Co. of that portion from San Jose to the city of Sacramento.				
Do.....	Mar. 3, 1865	13	504	Resolution extending the time for completion of the first 20 miles of the Western Pacific R. R. upon certain conditions.				
Do.....	Mar. 21, 1866	14	356	Central Branch Union Pacific.				
Do.....	July 1, 1862	12	489	do				
Do.....	July 2, 1864	13	356	Union Pacific (Kansas Division)				
Do.....	July 1, 1862	12	489	do				
Do.....	July 2, 1864	13	356	do				
Do.....	July 3, 1866	14	79	Act requiring company to designate route before Dec. 1, 1866.				
Do.....	May 7, 1866	14	355	Resolution extending the time for completion of road.				
Do.....	Mar. 6, 1868	15	49	Act restoring the even-numbered sections on line of Pacific railroads and branches at \$2.50 per acre.				
Do.....	Mar. 3, 1869	15	324	Act extending the Union Pacific Rwy., Eastern Division, line of road to Denver City, and authorizing transfer of lands by said company to the Denver Pacific R. R. Co. between Denver and Cheyenne.				
Do.....	do	15	348	Resolution authorizing the Union Pacific R. R. Co., Eastern Division, to change its name to Kansas Pacific.				
Do.....	do	15	324	Union Pacific, successor to the Denver Pacific Rwy. Co.				
Do.....	June 20, 1874	18	111	Act amendatory of the act of Mar. 3, 1869.				
Do.....	Aug. 13, 1888	25	439	Act to protect settlers in vicinity of Denver.				
Do.....	July 2, 1864	13	356	Burlington and Missouri River in Nebraska.				
Do.....	Apr. 10, 1869	16	54	Resolution in relation to the Burlington and Missouri River R. R., branch of the Union Pacific R. R., in Nebraska.				
Do.....	May 6, 1870	16	118	Act authorizing a change of route and connection with the Union Pacific R. R. at or near Fort Kearney.				
Do.....	July 2, 1864	13	356	Sioux City and Pacific (now Missouri Valley Land Co.)				
Do.....	do	13	365	Northern Pacific				
Do.....	May 7, 1866	14	355	Resolution extending the time for completing road.				
Do.....	July 1, 1868	15	255	Resolution extending the time for completing road.				

^aSee Minnesota for original grants.

^bIncludes 196,986.72 acres of the "Osage ceded reservation," which are to be deducted from the above amount under the decision of the Supreme Court in the case of The Leavenworth, Lawrence and Galveston Railroad v. The United States (92 U. S., 733).

^cIncludes 270,970.78 acres in the "Osage ceded reservation," which are to be deducted under the decision cited in note c.

Land concessions, by acts of Congress, to States and corporations for railroad and military wagon-road purposes, etc.—Continued.

States and corporations.	Date of law.	United States statutes.		Name of road, etc.	Mile limit.	Acres certified or patented for the year ended June 30, 1904.	Acres certified or patented for the year ended June 30, 1904.
		Vol.	Page.				
Corporations	May 1, 1869	15	346	Resolution authorizing issue of bonds, etc. Resolution authorizing the company to extend its branch line from Portland to Puget Sound, etc.			
Do.	Apr. 10, 1869	16	57				
Do.	May 31, 1870	16	378	Resolution authorizing the issue of bonds and reversing location of main and branch lines in Washington Territory.			
Do.	July 15, 1870	16	305	Act requiring the Northern Pacific R. R. Co. to pay the cost of surveying, selecting, and conveying lands.	10 and 20		
Do.	July 13, 1866	14	94	Placeville and Sacramento Valley	20 and 30	38,507.35	3,123,402.26
Do.	Apr. 15, 1874	18	29	Act declaring the grant forfeited to the United States.			
Do.	July 25, 1866	14	239	Oregon branch of the Central Pacific (Cal. and Oregon)			
Do.	June 25, 1868	15	80	An act extending the time for completion of road.			
Do.	Apr. 10, 1869	16	47	An act amendatory of the original act and providing for the sale of lands to actual settlers at a fixed price and in limited quantity.	20 and 30	27,594.13	2,728,153.48
Do.	July 25, 1866	14	239	Oregon and California	20 and 30 in States; 40 and 30 in Territories.	87,772.89	2,541,311.31
Do.	June 25, 1868	15	80	Act extending the time for completion of road.			
Do.	July 27, 1866	14	292	Atlantic and Pacific (now Santa Fe Pacific)			
Do.	Apr. 20, 1871	17	19	Act authorizing the company to mortgage its roads, lands, etc.			
Do.	July 6, 1866	21	123	Act declaring forfeited to the United States the grant of such lands as are adjacent to the uncompleted portion of road.	20 and 30	132,225.85	2,925,354.80
Do.	July 27, 1866	14	292	Southern Pacific			
Do.	July 25, 1868	15	187	Act to extend the time for the construction of the road, etc.	20 and 30	1,055.57	686,097.87
Do.	June 28, 1870	16	382	Joint resolution concerning the Southern Pacific R. R. in California.	10 and 20		
Do.	Mar. 3, 1871	16	573	Branch line of the Southern Pacific			
Do.	Mar. 2, 1867	14	548	Stockton and Copperopolis			
Do.	June 15, 1874	18	72	Act declaring the grant forfeited to the United States.	20 and 25		128,618.13
Do.	May 4, 1870	23	94	Oregon Central			
Do.	Jan. 31, 1865	16	296	Act declaring the forfeiture to the United States of such lands as are adjacent to and coterminous with uncompleted portions of road.	20 and 30; California: 40 and 50 in Territories.		
Do.	Mar. 3, 1871	16	573	Texas Pacific			
Do.	May 2, 1872	17	59	Act changing name to Texas and Pacific Rwy. Co.			
Do.	June 23, 1874	18	197	An act supplementary to the act of Mar. 3, 1871.			
Do.	Feb. 28, 1885	23	337	An act to declare a forfeiture of lands granted to the Texas Pacific Rwy. Co., and for other purposes.	20 and 30	80.84	1,000,817.70
Do.	Mar. 3, 1871	16	573	New Orleans Pacific, formerly New Orleans, Baton Rouge and Vicksburg.			
Do.	Feb. 8, 1887	24	391	An act to declare a forfeiture of lands granted to the New Orleans, Baton Rouge and Vicksburg R. R. Co., to confirm title to certain lands, and for other purposes.			
Grand total to corporations						4,392,656.17	68,426,832.97

WAGON ROADS.							
Wisconsin	Mar. 3, 1863	12	797	From Fort Wilkins, Copper Harbor, Mich., to Greenbary, Wis.	3 and 15		302, 930. 96
Do.	June 8, 1868	15	67	Act extending the time for the completion of road to Mar. 1, 1870.			
Do.	May 6, 1870	16	121	Act extending the time for the completion of road to Jan. 1, 1872.	3 and 6		
Do.	June 25, 1864	13	183	Act granting lands to the State to build a military road to Lake Superior.	3 and 15		221, 013. 35
Michigan	Mar. 3, 1863	12	797	From Fort Wilkins, Copper Harbor, to Wisconsin State line.	3 sections per mile		
Do.	June 8, 1868	15	67	Act extending the time for completion of road to Mar. 1, 1870.	3	96, 710. 18	507, 188. 94
Do.	May 6, 1870	16	121	Act extending the time for completion of road to Jan. 1, 1872.	6		
Do.	Mar. 24, 1872	17	56	Act extending the time for completion of road to Jan. 1, 1874.	3		81, 113. 22
Do.	June 20, 1864	13	140	Act granting lands to the State of Michigan for the construction of certain wagon roads for military and postal purposes.	3 alternate sections within limit-6 miles.	4, 121. 19	861, 611. 86
Oregon	July 2, 1872	13	355	Oregon Central Military Co. (now California and Oregon Land Co.)			
Do.	Dec. 26, 1866	14	374	Act making provisions for indemnity limits.			
Do.	Mar. 3, 1869	15	338	Act extending the time for completion of road to July 2, 1872.	3		
Do.	July 4, 1866	14	86	Corvallis and Yaquina Bay			
Do.	July 5, 1863	14	89	Willamette Valley and Cascade Mountains			
Do.	July 15, 1870	16	363	Amendatory.	3 and 10	27, 675. 44	537, 697. 93
Do.	Feb. 25, 1867	14	409	Dalles military road.	3 and 6		105, 240. 11
Do.	Mar. 3, 1869	15	340	Coos Bay military road.			
Grand total						128, 506. 81	2, 616, 796. 37

RECAPITULATION.					Acres.		
Certified or patented to States up to June 30, 1904:					2, 595, 053. 00		
Illinois					1, 073, 343. 02		
Mississippi					3, 348, 124. 96		
Alabama					1, 911, 538. 56		
Florida					1, 181, 835. 61		
Louisiana					2, 561, 881. 20		
Arkansas					1, 897, 728. 17		
Missouri					5, 015, 255. 66		
Iowa					3, 263, 549. 21		
Michigan					3, 718, 940. 49		
Wisconsin					8, 544, 509. 14		
Minnesota					4, 696, 568. 53		
Kansas					28, 322. 59		
North Dakota							
Total to States					3, 738, 652. 1		

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Patented to corporations, by States and Territories, up to June 30, 1904.

State or Territory.	Name.	Acres.
Arizona	Atlantic and Pacific	1,621,202.56
Arkansas	Atlantic and Pacific, successor to St. Louis and San Francisco.	23,249.94
California	Central Pacific	864,267.53
Do	Central Pacific, successor to Western Pacific	456,547.50
Do	Central Pacific, successor to California and Oregon	3,123,402.26
Do	Southern Pacific (main line)	2,923,354.80
Do	Southern Pacific (branch line)	686,097.87
Colorado	Union Pacific	595,713.08
Do	Union Pacific, successor to Denver Pacific	806,591.90
Do	Union Pacific, successor to Kansas Pacific	2,337,545.01
Kansas	do	3,837,103.90
Do	Central Branch Union Pacific	220,520.47
Iowa	Sioux City and Pacific (now Missouri Valley Land Co.)	4,383.11
Idaho	Northern Pacific	684,349.51
Do	Central Pacific	9,545.59
Louisiana	New Orleans Pacific	1,000,817.70
Minnesota	Northern Pacific	1,817,836.54
Missouri	Atlantic and Pacific, successor to St. Louis and San Francisco.	490,039.12
Montana	Northern Pacific	7,102,959.82
Nevada	Central Pacific	3,357,919.44
New Mexico	Atlantic and Pacific	409,819.69
North Dakota	Northern Pacific	9,796,448.43
Nebraska	Sioux City and Pacific	38,227.84
Do	Burlington and Missouri River	2,374,090.77
Do	Union Pacific	4,844,833.06
Do	Central Branch Union Pacific	2,560.03
Oregon	Northern Pacific	290,793.93
Do	Oregon and California	2,728,153.48
Do	Oregon Central	126,908.02
Utah	Union Pacific	801,163.02
Do	Central Pacific	1,206,514.21
Washington	Northern Pacific	8,196,914.63
Do	Oregon Central	1,710.11
Wisconsin	Northern Pacific	9,067.55
Wyoming	Union Pacific	5,636,180.55
Total to corporations.		68,426,832.97

Total to corporations	68,426,832.97
Total to States	39,738,652.14

Total railroad grants	108,165,485.11
Total wagon-road grants	2,616,796.37

Total wagon-road and railroad grants patented up to June 30, 1904	110,782,281.48
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G.—DIVISION OF PREEMPTION, DESERT LAND, TIMBER CULTURE, TOWN SITE, PRIVATE LAND CLAIMS, SCHOOL LANDS, AND INDIAN ALLOTMENTS.

The following is a summary of the work done in this division during the fiscal year ended June 30, 1904:

Letters on hand at beginning of fiscal year.....	2,550
Letters received during the fiscal year.....	24,698
Total on hand and received.....	27,248
Letters answered.....	7,249
Letters referred to other divisions.....	1,643
Letters otherwise disposed of.....	15,947
Total number disposed of.....	24,839
Letters pending July 1, 1904.....	2,409
Letters and decisions written.....	11,116
Caveats and cancellation cards prepared.....	7,146
Pages press copied.....	16,838
Fees for certified copies.....	\$204.05
Applications for amendments acted upon.....	219
Appeals from registers and receivers decided (not contests).....	341
Appeals transmitted to Secretary.....	257
Motions for review forwarded to Secretary.....	24
Motions for review of office decisions acted upon.....	10
Applications for certiorari forwarded to Secretary.....	4
Secretary's decisions promulgated.....	142
Pages of copying compared.....	9,491
Entries examined and approved for patenting:	
Preemption and Osage trust and diminished reserve entries.....	522
Desert land.....	683
Timber culture.....	1,090
Commutated timber culture.....	4
Town site.....	40
Town lot.....	6
Total.....	2,345
Private land, donations, and small holding claims approved for patenting.....	86
Indian allotments approved for patenting.....	3,013
Applications for scrip (act June 2, 1858), approved.....	10
Area involved in said scrip.....acres.....	1,582.32
Applications for scrip rejected.....	4
Assignments of scrip examined.....	118
Original desert-land entries examined.....	7,689
Yearly proofs examined.....	10,816
Assignments of desert-land entries examined.....	764
Desert-land entries canceled.....	1,617
Timber-culture entries canceled.....	2,429
Contests decided.....	134
Contests closed.....	106
Contests remanded to registers and receivers.....	47
Area of selections of various State grants approved.....acres.....	487,064.51

ENTRIES, CLAIMS, AND CONTESTS PENDING.

At the close of the fiscal year ended June 30, 1904, the following cases were pending in this division:

Preemption entries	70
Final desert-land entries	2, 565
Final timber-culture entries	427
Commuted timber-culture entries	78
Town-site entries	0
Town-lot entries	108
Private land claims	2, 978
Applications for scrip	0
Small holding claims	0
Scrip locations	18
Indian allotments	1, 271
Applications to amend	135
Appeals from registers and receivers	10
Appeals from Commissioner's decision	51
Contests pending	37

There were also pending the following State selections, the area of each class being given:

	Acres.
School indemnity	1, 177, 338. 08
University	160, 768. 66
Agricultural colleges	18, 329. 67
Penitentiaries	6, 339. 42
Public buildings	17, 486. 23
Insane asylums	14, 000. 60
Deaf and dumb asylums	3, 158. 55
Reform schools	9, 209. 81
School of mines	12, 407. 08
Scientific schools	42, 189. 80
Industrial schools	720. 00
Blind asylums	1, 695. 63
Soldiers' Home	120. 15
Tuskegee Industrial School	200. 60
Military institute	40. 00
Reservoirs	167, 010. 25
Industrial school for girls	45. 91
Miners' hospital	14, 907. 21
Educational, charitable, penal, and reformatory	21, 589. 73
Normal schools	17, 445. 08
Total	1, 685, 002. 46

H.—CONTEST DIVISION.

The work of this division for the year ended June 30, 1904, has been of the same general character of the year before, viz, the examination and decision of contests in homestead, timber-culture, desert-land, and timber and stone entries.

The cases that are examined in this division as the result of contests initiated in the various local offices are classified as follows:

First. Cases on appeal from decisions of the local officers on the merits thereof, called docket cases.

Second. Cases on appeal from the rejection of application to contest, applications to make entry, and other ex parte proceedings, called miscellaneous appeals.

Third. Cases in which there is no appeal from the decision of the local officers, but which must be reviewed by this Office in order to determine whether the decisions are rendered in accordance with existing laws and regulations, called unappealed cases.

Fourth. Applications to be permitted to contest an entry of record or for hearings before the local officers, where the same have been denied or the local officers have no power under the rules and regulations to grant the same.

Fifth. Motions for rehearing and review.

During the last year there has been not only a large increase of land contests over any previous year, but the amount of work performed far surpasses that of any previous year, considering the number of clerks employed.

As shown by the tabulated statement following there were 1,128 appealed cases received from local offices, an increase of 204 over the previous year.

There were 1,234 appeal cases decided, as against 408 the preceding year, a difference of 826.

There were 4,786 unappealed cases examined and closed during the last year, as against 4,004 the preceding year, a difference of nearly 800.

Over 3,000 more letters were written in the division during the past year than the previous year.

Of appeals to the Secretary, nearly 200 more have been transmitted during the past year than the previous year.

More than three months has been gained on regular docket cases and more than one month on unappealed cases.

APPEALED (DOCKET) CASES.

Undecided appealed cases on hand July 1, 1903	965	
Received during the year from registers and receivers	1, 128	
	<hr/>	2, 093
Referred to other divisions during the year	6	
Decided during the year	1, 234	
	<hr/>	1, 240
Balance undecided docket cases on hand		853
Decided appealed cases awaiting closing on hand July 1, 1903	165	
Appealed cases decided during the year	1, 234	
Appealed cases returned from the Department during the year	450	
	<hr/>	1, 849

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Appealed cases transmitted to the Secretary on appeal during the year.	568	
Appealed cases closed during the year	703	1, 271
		<hr/>
Balance decided appealed cases on hand		578
		<hr/>
Total number of appealed cases on hand		1, 431

UNAPPEALED CASES.

Unappealed cases on hand July 1, 1903	1, 930	
Unappealed cases received during the year	4, 278	6, 208
		<hr/>
Referred to other divisions during the year	4	
Examined and closed during the year	4, 786	4, 790
		<hr/>
Balance unappealed cases on hand		1, 418
		<hr/>
Unappealed cases on hand examined but not closed		156
		<hr/>
Total undecided appealed and unappealed cases on hand		2, 271
		<hr/>
Of the "unappealed cases on hand" there were examined and remanded during the year		385

ENTRIES.

Entries canceled during the year:		
Original		4, 488
Final		102
Entries approved for patent during the year		13
Original entries involved in pending contests		2, 013
Final entries involved in pending contests		124

MISCELLANEOUS APPEALS.

Appeals from action of registers and receivers on interlocutory questions:		
On hand July 1, 1903	15	
Received during the year	229	244
		<hr/>
Examined and decided during the year	235	
Referred to other divisions during the year	5	240
		<hr/>
Balance on hand		4

APPEALS.

Appeals from the decisions of the Commissioner:		
On hand July 1, 1903	9	
Received during the year	696	705
		<hr/>
Transmitted to Secretary during the year	568	
Disposed of during the year by dismissal and by declining to forward to Secretary	36	604
		<hr/>
Balance on hand		101

MOTIONS FOR REVIEW, REHEARING, AND CERTIORARI.

Received during the year		210
Acted on during the year	47	
Transmitted to the Secretary during the year	138	185
		<hr/>
Balance on hand		25

APPLICATIONS TO CONTEST.

Applications to contest final entries received during the year	241
Contests allowed and hearings ordered during the year	160
Hearings denied during the year	70
Referred to other divisions	1
	<hr/>
	231
Balance on hand	10

DECISIONS RECEIVED FROM THE DEPARTMENT.

On hand July 1, 1903	62
Received from the Department during the year	601
	<hr/>
	663
Promulgated	639
	<hr/>
On hand	24

LETTERS.

Letters from all sources, including letters transmitting contests:	
On hand July 1, 1903	3, 798
Received during the year	13, 846
	<hr/>
	17, 644
Answered during the year	8, 270
Filed with letters or cases previously received	5, 551
Referred to other divisions during the year	291
	<hr/>
	14, 112
Balance on hand	3, 532
Number of letters written during the year	13, 834

K.—DIVISION OF SWAMP LANDS.

The division of swamp lands has charge of all claims reported under the swamp-land grants and prepares the lists of swamp lands in place and of swamp-land indemnity for approval, and writes the decisions rejecting improper claims and adjusting contests against and entries and locations in conflict with the swamp-land claims of the States to which the swamp-land grants have been extended.

The correspondence of the office relative to all matters pertaining to the swamp-land business, such as reports to the Secretary of the Interior for the information of his office or for transmission to Congress or to the President and statements of the status of lands to individuals, is also prepared in this division.

The following is a summary of the most important work performed in the division during the fiscal year ended June 30, 1904:

Letters and reports:

Pending for action July 1, 1903.....	282	
Received during the year	2, 145	
		2, 427
Answered and acted upon	1, 256	
Filed or referred	904	
		2, 160
Pending for action June 30, 1904		267
Other letters written.....		994

Swamp land in place claims (acres):

Pending July 1, 1903 (estimated).....	1, 168, 022. 90	
Received during the year	259, 691. 27	
		1, 427, 714. 17
Patented	259, 207. 23	
Rejected.....	126, 965. 80	
Canceled	1, 830. 00	
		388, 003. 03
Pending for action June 30, 1904 (estimated).....		1, 039, 711. 14

Lists transmitted to Secretary for approval, 49 in number, embracing	379, 655. 10
Lists approved by Secretary, 51 in number, embracing.....	391, 191. 42
Decisions holding for rejection, 36 in number, embracing	180, 753. 00
Decisions holding for cancellation, 7 in number, embracing	600. 00

Swamp land, cash and land indemnity claims (acres):

Pending July 1, 1903 (estimated).....	2, 046, 056. 85	
Received during the year		
		2, 046, 056. 85
Cash indemnity approved (\$1,926.20) on basis of ...	1, 540. 96	
Land indemnity certified	200. 00	
Rejected.....	121, 080. 00	
Canceled		
		122, 820. 96
Pending for action June 30, 1904 (estimated).....		1, 923, 235. 89

Swamp land, cash and land indemnity claims (acres)—Continued:

Lists transmitted to Secretary for approval, 5 in number, embracing		440. 00
Decisions holding for rejection, 3 in number, embracing		1, 960. 00
Decisions holding for cancellation, — in number, embracing		
Land indemnity patented		
<hr/>		
Contests against swamp-land claims:		
Pending July 1, 1903	96	
Received during the year	79	
		175
Decided		90
Pending for action June 30, 1904		85
<hr/>		
Entries and locations in conflict with swamp-land claims:		
Pending July 1, 1903	98	
Received during the year	59	
		157
Relieved from conflict by rejection of States' claims ..	116	
Canceled	32	
		148
Pending for action June 30, 1904		9
<hr/>		

Miscellaneous:

Examination made of plats and field notes of surveys to determine character of tracts		
Swamp-land approved lists certified (in duplicate), 54 in number, acres		396, 869. 72
Swamp-land patents executed		54
Swamp-land indemnity patents executed		
Patent records written	pages ..	103
Letters and reports prepared on typewriter	do	5, 080
Copies of letters, reports, and decisions	do	1, 120
Certified copies of documents made for which fees were charged ..		47
Legal fees charged for certified copies of documents		\$109. 80
Railroad lists certified to, 70 in number, embracing		428, 362. 41

SWAMP LANDS IN PLACE.

Three special agents were employed in the State of Florida, examining the State's swamp land in place and indemnity claims, during the past year, and the whole of the State's pending claims was examined. Some of the reports of the several agents were received too late to enable this office to fully adjudicate the claim examined in the field within the fiscal year, and only a small portion can therefore appear in this report. The adjustments are being made as rapidly as the rules of practice permit, and that portion not included in the tables below will be reported in the next year's statement of work performed.

New claims were reported during the year to the amount of 259,691.27 acres; the approvals amounted to 391,191.42 acres; and the patents issued to the amount of 259,207.23 acres.

The following three tables show in detail the result of work performed in the adjustment of swamp land in place claims favorable to the States. From the selection lists are prepared clear lists for approval, and on the basis of the approved lists are prepared patents, which are evidence of the final disposition of the lands to the States.

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Lands selected by the several swamp-land States under the acts of Congress approved March 2, 1849 (9 Stat. L., 352); September 28, 1850 (9 Stat. L., 519, sec. 2479, Rev. Stat.), and March 12, 1860 (12 Stat. L., 3, sec. 2490, Rev. Stat.), from the dates of said acts up to June 30, 1904.

State.	1903.		1904.		Year ending June 30, 1904.	Total since dates of grants.
	Third quarter.	Fourth quarter.	First quarter.	Second quarter.		
	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>
Alabama.....						534, 190. 04
Arkansas.....						8, 656, 372. 39
California.....	278. 98		640. 00		918. 98	2, 004, 661. 67
Florida.....	1, 456. 49		807. 81	1, 606. 43	3, 870. 73	22, 293, 965. 64
Illinois.....						3, 981, 784. 10
Indiana.....						1, 377, 727. 70
Iowa.....						4, 571, 851. 28
Louisiana (act of 1849).....						11, 216, 831. 33
Louisiana (act of 1850).....		110, 773. 82			110, 773. 82	774, 003. 65
Michigan.....						7, 293, 278. 93
Minnesota.....	50, 064. 56	82, 524. 53	11, 538. 65		144, 127. 74	5, 331, 488. 83
Mississippi.....						3, 604, 795. 93
Missouri.....						4, 843, 676. 09
Ohio.....						117, 992. 00
Oregon.....						526, 903. 63
Wisconsin.....						4, 569, 712. 12
Total.....	51, 800. 03	193, 298. 35	12, 986. 46	1, 606. 43	259, 691. 27	81, 699, 235. 33

Swamp lands approved to the several States under the acts of Congress approved March 2, 1849 (9 Stat. L., 352), September 28, 1850 (9 Stat. L., 519; sec. 2480, Rev. Stat.), and March 12, 1860 (12 Stat. L., 3; sec. 2490, Rev. Stat.), from the dates of said acts up to June 30, 1904.

State.	1903.		1904.		Year ending June 30, 1904.	Total since dates of grants.
	Third quarter.	Fourth quarter.	First quarter.	Second quarter.		
	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>
Alabama.....						418, 157. 74
Arkansas.....			120. 00		120. 00	7, 695, 477. 26
California.....	10, 534. 80	5, 169. 17	12, 995. 71	640. 00	29, 339. 68	2, 017, 691. 83
Florida.....	19, 799. 91	2, 407. 19	2, 454. 77	114, 820. 08	139, 481. 95	20, 433, 326. 65
Illinois.....						1, 496, 692. 05
Indiana.....						1, 265, 955. 75
Iowa.....	393. 70				393. 70	940, 511. 51
Louisiana (act of 1849).....						8, 781, 518. 44
Louisiana (act of 1850).....						414, 156. 97
Michigan.....						5, 730, 984. 28
Minnesota.....	38, 271. 39	57, 423. 75	56, 438. 42	62, 975. 46	215, 109. 02	4, 254, 811. 98
Mississippi.....						3, 337, 079. 17
Missouri.....						4, 498, 248. 26
Ohio.....						26, 271. 95
Oregon.....	5, 615. 78			1, 131. 29	6, 747. 07	351, 743. 16
Wisconsin.....						3, 352, 787. 86
Total.....	74, 615. 58	65, 000. 11	72, 008. 90	179, 566. 83	391, 191. 42	65, 015, 414. 86

Swamp lands which have been certified or patented to the several States under the acts of Congress approved March 2, 1849 (9 Stat. L., 352), September 28, 1850 (9 Stat. L., 519; sec. 2480, Rev. Stat.), and March 12, 1860 (12 Stat. L., 3; sec. 2490 Rev. Stat.), from the dates of said acts up to June 30, 1904.

State.	1903.		1904.		Year ending June 30, 1904.	Total patented since dates of grants.
	Third quarter.	Fourth quarter.	First quarter.	Second quarter.		
	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>
Alabama.....		74.22			74.22	417,352.12
Arkansas.....	5,200.92		12,226.08	7,413.88	24,840.88	7,684,935.88
California.....	23,447.51	6,114.60		3,620.99	33,183.10	1,921,026.30
Florida.....						20,006,704.53
Illinois.....						1,457,041.68
Indiana.....		40.00	353.70		393.70	1,254,110.73
Iowa.....						870,189.09
Louisiana (act of 1849).....						8,733,038.57
Louisiana (act of 1850).....						394,237.45
Michigan.....				30.95	30.95	5,654,868.76
Minnesota.....	45,916.26	31,888.29	70,027.23	46,340.64	194,172.42	4,099,874.17
Mississippi.....		23.38				3,278,664.99
Missouri.....					23.38	3,344,702.90
Ohio.....						26,251.95
Oregon.....	5,456.83		174.12	857.63	6,488.58	219,244.82
Wisconsin.....						3,250,662.34
Total.....	80,021.52	38,140.49	82,781.13	58,264.09	259,207.23	62,645,909.28

It will be seen from the above that new swamp land in place claims were filed during the year to the amount of 259,691.27 acres, as against 232,115.71 filed the previous year, being an increase of 27,575.56 acres; that ordinary claims were approved to the amount of 391,191.42 acres, as against 48,261.10 acres approved the previous year, being an increase of 342,930.32 acres; and that lands were patented to the amount of 259,207.23 acres, as against 47,467.88 acres patented the previous year, being an increase of 211,739.35 acres. These statements and comparisons ignore the approval and the patenting of the Everglades and Mangrove Swamp in Florida reported last year, and which of themselves covered nearly 3,000,000 acres.

The adjudications of claims by rejections during the year amounted to 128,795.80 acres, as against 165,591 acres rejected and canceled in the previous year, a decrease of 36,795.20 acres. This does not include rejections of indemnity claims, which are separately reported below.

The amount of swamp land in place claims remaining unadjudicated can not be stated with precision, but it is estimated to have been about 1,039,711 acres at the close of the fiscal year, which is the amount carried in the report for the month ended June 30, 1904.

The claims of the various States remaining unadjudicated are composed chiefly of numerous remnants of large claims which have been settled in the past, the said remnants having been omitted from the original settlements of the lists in which they are embraced by reason of imperfect descriptions, conflicts with other claims, etc. The final adjustment of these claims involves much research in the records and files of this office and requires long recitations of facts in the decisions acting upon them, in the event of their being adjusted against the claimant, which is very frequently the case. The exact amount rejected and canceled during the past fifty-four years that the adjustment of swamp-land claims has been in progress can not be reported, as no account of rejections and cancellations has been kept in a tabulated

form in the annual or other reports, except during the past thirteen years. The following table shows in detail the acreage of the claims rejected and canceled during the last fiscal year, and also during the previous twelve years:

Statement showing rejection of claims and cancellations of selections under the swamp-land laws during the period from July 1, 1892, to June 30, 1903, and also during the fiscal year ending June 30, 1904.

State.	1892-1903.			1904.			Recapitulation.
	Swamp land in place.	Swamp-land indemnity.	Total.	Swamp land in place.	Swamp-land indemnity.	Total.	
	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>
Alabama	45,600.00	14,340.00	59,940.00	1,040.00	.....	1,040.00	60,980.00
Arkansas	1,166,012.16	.....	1,166,012.16	.....	.....	.....	1,166,012.16
California	54,640.00	.....	54,640.00	.....	.....	.....	54,640.00
Florida	1,033,740.50	7,860.00	1,041,600.50	80,610.00	10,920.00	91,530.00	1,133,130.50
Illinois	739,973.16	827,813.40	1,567,786.56	720.00	6,680.00	7,400.00	1,575,186.56
Indiana	45,481.93	680.00	46,161.93	.....	.....	.....	46,161.93
Iowa	892,826.20	458,895.56	1,351,721.76	6,760.00	84,360.00	91,120.00	1,442,841.76
Louisiana	1,207,014.65	13,640.37	1,220,655.02	3,360.00	1,120.00	4,480.00	1,225,135.02
Michigan	65,160.00	.....	65,160.00	80.00	.....	80.00	65,240.00
Minnesota	596,707.11	.....	596,707.11	17,505.80	.....	17,505.80	614,212.91
Mississippi	144,339.50	49,240.00	193,579.50	1,000.00	.....	1,000.00	194,579.50
Missouri	348,637.68	158,335.27	506,972.95	10,000.00	18,000.00	28,000.00	534,972.95
Ohio	22,480.00	40,642.79	63,122.79	.....	.....	.....	63,122.79
Oregon	151,071.41	.....	151,071.41	1,080.00	.....	1,080.00	152,151.41
Wisconsin	266,512.54	.....	266,512.54	6,640.00	.....	6,640.00	273,152.54
Unclassified ...	72,804.29	.....	72,804.29	.....	.....	.....	72,804.29
Total	6,853,001.13	1,571,447.39	8,424,448.52	128,795.80	121,080.00	249,875.80	8,674,324.32

NOTE.—The rejections and cancellations represented in the above table represent illegal, duplicate, and improper claims which have been encumbering the records for many years. Formal decisions, with notice to the State authorities of the right of appeal under the rules of practice, have been rendered on the whole of the claims rejected and canceled.

SWAMP-LAND INDEMNITY.

During the year three special agents of this office were employed in investigating the swamp-land indemnity claims in the States of Florida, Illinois, Iowa, and Missouri.

The reports of the special agents in the field indicate that a large proportion of the claims examined are without merit, and in many cases the special agents have obtained admissions from the owners of the claims showing that deceptive and fraudulent practices have heretofore been resorted to by their agents in submitting testimony as to the character of the lands claimed as the basis of indemnity, especially on claims filed in this office by contractors to prosecute claims in the names of the States and their grantees, a quarter of a century or more after the regular claims were reported by the United States surveyors-general.

Three cash indemnity accounts, amounting to \$1,926.20, on the basis of 1,540.96 acres, were paid, and three land indemnity lists, amounting to 200 acres, were certified, and 105 decisions rejecting claims to the amount of 121,080 acres were promulgated during the year.

The following table exhibits in detail the final adjustments under the swamp-land indemnity statute and the decisions thereunder, viz:

Adjustment of cash and land indemnity claims, by States and counties, under the acts of Congress approved March 2, 1855 (sec. 2482, Rev. Stat.), and March 3, 1857 (11 Stat. L., 251), during the fiscal year ending June 30, 1904.

State and county.	Date of approval or rejection of claim.	Cash indemnity.		Land indemnity certified.	Cash and land indemnity rejected or canceled.	Name of State or county agent.	Total by States. '		
		Amount paid.	Basis.				Cash indemnity paid.	Land indemnity certified.	Cash and land indemnity claims rejected.
Florida.....	July 23, 1903				Acres.	Commissioner of agriculture			Acres.
Do.	Nov. 18, 1903				7,800.00	do			10,920.00
Do.	Feb. 20, 1904				400.00	do			
Do.	May 2, 1904				2,560.00	do			
Illinois.....					160.00	do	\$50.00		6,680.00
Bond.....	Aug. 15, 1903				80.00	Isaac R. Hitt			
Bureau.....	Aug. 7, 1903				80.00	do			
Calhoun.....	Aug. 18, 1903				520.00	do			
Carroll.....	Aug. 22, 1903				200.00	Board of supervisors			
Coles.....	Aug. 18, 1903				80.00	Isaac R. Hitt			
Cook.....	Aug. 15, 1903				40.00	do			
Cumberland.....	Aug. 15, 1903				80.00	do			
Effingham.....	July 21, 1903				120.00	do			
Grundy.....	Aug. 11, 1903				40.00	P. A. Armstrong			
Hancock.....	July 7, 1903				80.00	Isaac R. Hitt			
Henry.....	Aug. 15, 1903				80.00	do			
Henry.....	July 22, 1903				680.00	do			
Iroquois.....	July 25, 1903				80.00	do			
Jasper.....	do				240.00	do			
Jefferson.....	Aug. 26, 1903				160.00	John R. Piercy			
Jo Daviess.....	Aug. 15, 1903				40.00	Isaac R. Hitt			
Lee.....	do				80.00	do			
Marshall.....	do				40.00	do			
Moultrie.....	do				40.00	do			
Platt.....	July 21, 1903	\$50.00	40.00			C. A. Tatman			
Do.....	Aug. 27, 1903				240.00	do			
Rock Island.....	Aug. 15, 1903				40.00	Isaac R. Hitt			
Stark.....	Aug. 27, 1903				80.00	Board of supervisors			
Vermilion.....	July 23, 1903				80.00	County clerk			
Wayne.....	July 21, 1903				80.00	Isaac R. Hitt			
Wayne.....	Aug. 15, 1903				200.00	Isaac R. Hitt			
Whiteside.....	Aug. 12, 1903				3,160.00	Charles Bent			
Woodford.....	July 25, 1903				200.00	Isaac R. Hitt			
Iowa.....							1,772.89		84,360.00
Adams.....	Dec. 26, 1903				160.00	Board of supervisors			
Appanoose.....	Oct. 16, 1903				280.00	County auditor			
Boone.....	Jan. 19, 1904				3,280.00	Isaac R. Hitt			
Cedar.....	Aug. 1, 1903				760.00	Board of supervisors			
Dallas.....	Aug. 18, 1903				20,120.00	J. N. Prouty			

Adjustment of cash and land indemnity claims, by States and counties, under the acts of Congress approved March 2, 1855 (sec. 2482, Rev. Stat.), and March 3, 1857 (11 Stat. L., 251), during the fiscal year ending June 30, 1904—Continued.

State and county.	Date of approval or rejection of claim.	Cash indemnity.		Land indemnity certified.	Cash and land indemnity rejected or canceled.	Name of State or county agent.	Total by States.		
		Amount paid.	Basis.				Cash indemnity paid.	Land indemnity certified.	Cash and land indemnity claims rejected.
			<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>			<i>Acres.</i>	<i>Acres.</i>
Decatur	Oct. 16, 1903					County auditor			
Fremont	Dec. 26, 1903				760.00	Isaac R. Hitt			
Harrison	.....do				560.00	.....do			
Henry	Aug. 1, 1903				320.00	.....do			
Jasper	Oct. 9, 1903				200.00	E. Bean			
Do.	Nov. 7, 1903	\$1,772.89	1,418.31		5,240.00	.....do			
Johnson	June 23, 1904				18,120.00	Board of supervisors			
Do.	.....do				7,720.00	S. H. Fairall			
Jones	Aug. 1, 1903				1,240.00	Isaac R. Hitt			
Lee	Oct. 16, 1903				160.00	.....do			
Louisa	.....do				40.00	Board of supervisors			
Madaska	June 24, 1904				11,440.00	.....do			
Mills	Dec. 26, 1903				720.00	Isaac R. Hitt			
Page	.....do				760.00	Board of supervisors			
Polk	Oct. 16, 1903				160.00	Isaac R. Hitt			
Pottawattamie	Dec. 26, 1903				480.00	W. H. Kilpatrick			
Story	Jan. 9, 1904				11,120.00	Isaac R. Hitt			
Van Buren	Oct. 16, 1903				160.00	County auditor			
Washington	Aug. 1, 1903				560.00	.....do			
Louisiana	Mar. 28, 1904				320.00	Register of State lands			1,120.00
Do.	Apr. 12, 1904				800.00	.....do			
Missouri							\$103.31	200.00	18,000.00
Adair	Nov. 13, 1903				200.00	Secretary of state			
Barton	Nov. 30, 1903				1,080.00	.....do			
Do.	May 24, 1904				760.00	.....do			
Do.	June 24, 1904				120.00	.....do			
Buchanan	Oct. 28, 1903				80.00	.....do			
Cass	Dec. 8, 1903				400.00	.....do			
Gedar	May 28, 1904				880.00	.....do			
Do.	June 4, 1904				240.00	.....do			
Chariton	Nov. 9, 1903				680.00	.....do			
Clay	Oct. 22, 1903				240.00	.....do			
Glinn	Apr. 26, 1904			40.00	760.00	.....do			
Crawford	Oct. 28, 1903				200.00	.....do			
Dade	Nov. 16, 1903				80.00	.....do			
Dallas	.....do				160.00	.....do			

Davies.....	Nov. 30, 1903					80.00	do					
Henry.....	Jan. 4, 1904					160.00	do					
Hickory.....	Dec. 16, 1903					120.00	do					
Do.....	Jan. 8, 1904	103.31	82.65				do					
Iron.....	Nov. 18, 1903					720.00	do					
Jackson.....	Nov. 20, 1903					200.00	do					
Jasper.....	June 14, 1904					520.00	do					
Knox.....	Dec. 9, 1903					80.00	do					
Laclede.....	Nov. 28, 1903					200.00	do					
Lafayette.....	Nov. 30, 1903					1,600.00	do					
Lewis.....	Dec. 17, 1903					120.00	do					
Linn.....	Dec. 7, 1903					40.00	do					
Livingston.....	Dec. 28, 1903					40.00	do					
Macon.....	Nov. 20, 1903					320.00	do					
Do.....	Dec. 10, 1903			120.00			do					
Maries.....	Dec. 30, 1903					400.00	do					
Mercer.....	Dec. 11, 1903					40.00	do					
Miller.....	Dec. 12, 1903					40.00	do					
Mississippi.....	Dec. 7, 1903					1,040.00	do					
Monroe.....	Dec. 17, 1903					40.00	do					
New Madrid.....	Dec. 12, 1903					700.00	do					
Nodaway.....	Dec. 14, 1903					240.00	do					
Pemiscot.....	Nov. 28, 1903					2,680.00	do					
Phelps.....	Dec. 17, 1903					200.00	do					
Pulaski.....	Dec. 15, 1903					160.00	do					
Ralls.....	Jan. 6, 1904					80.00	do					
Randolph.....	Dec. 10, 1903					160.00	do					
Ray.....	Nov. 30, 1903					160.00	do					
Reynolds.....	Dec. 9, 1903					200.00	do					
St. Francois.....	Jan. 4, 1904					40.00	do					
Saline.....	Jan. 5, 1904					400.00	do					
Scotland.....	Nov. 30, 1903					760.00	do					
Shannon.....	Nov. 24, 1903					440.00	do					
Stoddard.....	Apr. 27, 1904						do					
Wright.....	Dec. 3, 1903					320.00	do					
Total.....		1,926.20	1,540.96	200.00		121,080.00		1,926.20	200.00		121,080.00	

The following table exhibits the total amount of cash paid and of lands certified and patented since the passage of the act of March 2, 1855; also the amount of unadjusted claims pending at the close of the fiscal year:

Table showing the cash indemnity paid and the land certified under the swamp-land indemnity acts; also the indemnity lands patented and the cash and land indemnity claims remaining unadjusted up to June 30, 1904.

State.	Cash indemnity paid.		Land indemnity awarded.		Cash and land indemnity claims remaining unadjusted.
	Amount.	Basis.	Certified.	Patented.	
		<i>Acre.</i>	<i>Acre.</i>	<i>Acre.</i>	<i>Acre.</i>
Alabama	\$18,505.44	33,308.04	20,009.36	19,795.16	18,960.00
Arkansas	374,450.00	209,160.00			
Florida (acts of 1855 and 1857) ..	67,045.63	78,705.08	88,172.76	80,959.09	3,080.00
Florida (Palatka indemnity) ..			7,151.59	4,464.18	
Illinois	470,970.81	445,979.18	101,984.90	2,309.07	1,023,000.00
Indiana	39,080.14	29,973.63	8,434.81	4,880.20	47,840.00
Iowa	584,284.53	468,521.71	341,632.97	321,845.23	854,400.00
Louisiana	53,118.65	49,588.98	32,546.83	31,727.64	39,240.00
Michigan	15,922.06	13,364.31	24,639.43	24,038.69	3,760.00
Mississippi	17,786.56	21,910.05	47,888.73	47,846.88	148,480.00
Missouri	193,870.15	189,343.80	83,126.74	80,936.69	33,960.00
Ohio	29,027.76	23,441.67			20,800.00
Wisconsin	185,278.91	154,348.09	106,042.08	105,047.99	11,240.00
Total	2,049,340.64	1,717,644.54	861,630.23	723,850.82	2,204,760.00

SECRETARY'S DECISIONS RELATIVE TO THE ADJUSTMENT OF SWAMP-LAND CLAIMS DURING THE FISCAL YEAR.

STATE OF IOWA.

Indemnity (act of March 2, 1855).—Swamp-land indemnity locations under the act of March 2, 1855, can only be made upon "public lands subject to entry at one dollar and a quarter per acre, or less."

Lands within the primary limits of the grant of May 12, 1864, in aid of the construction of the McGregor and Missouri River Railroad, which were erroneously included within the meander lines of a lake, are not for that reason excepted from the provisions of said act increasing in price the alternate sections along the line of road therein provided for. (32 L. D., 197; July 16, 1903.)

STATE OF LOUISIANA.

Field notes of survey.—The duty of identifying the lands passing to the State of Louisiana under the swamp grants of March 2, 1849, and September 28, 1850, devolves upon the Secretary of the Interior for the time being, and it is within the power of that officer to resort to such plan of identification as seems to him best calculated to secure a proper adjustment of said grants.

The history of procedure by the land department in the adjustment of these grants reviewed and specific instructions given for a speedy final adjustment thereof. (32 L. D., 270; October 1, 1903.)

STATE OF MINNESOTA.

Reservation for school purposes.—Swamp and overflowed lands lying within sections 16 and 36 in the four townships in the White Earth Indian Reservation, in the State of Minnesota, ceded to the United States under the act of January 14, 1889, did not pass to the State under its grant of swamp lands made by the act of March 12, 1860, said sections being on that date in reservation for school purposes by virtue of the acts of March 3, 1849, and February 26, 1857. (32 L. D., 325; December 3, 1903.)

Indian reservation (act of March 12, 1860).—Lands, swamp and overflowed, and rendered thereby unfit for cultivation, not reserved or granted by the United States on March 12, 1860, the date of the act granting swamp lands to the State of Minnesota, passed to the State under said grant, and are therefore excepted from the provisions of the act of January 14, 1889, relating to the disposition of the ceded Chippewa lands. (32 L. D., 328; December 3, 1903.)

Field notes of survey.—The rule adopted by the land department, that all contests or controversies thereafter begun respecting the swampy or nonswampy character of lands in Minnesota must be determined by the field notes of survey, does not inhibit an examination in the field as to the swampy or nonswampy character of lands shown by the field notes to be swamp and overflowed for the purpose of determining the truth of allegations that the field notes are false and fraudulent or grossly incorrect. (32 L. D., 497; March 12, 1904.)

Adjustment (field notes of survey).—Report to the President of the United States relative to departmental decisions of March 16, 1903, prescribing certain rules governing the adjustment of the grant of swamp and overflowed lands made to the State of Minnesota by the act of March 12, 1860. (32 L. D., 531; March 19, 1904.)

STATE OF OREGON.

Request for issue of patent (act of September 28, 1850).—Where a State has accepted the grant of swamp and overflowed lands made by the act of September 28, 1850, has disposed of and conveyed all its interest in certain of the lands claimed thereunder, and requests for the issuance of patent therefor, as provided by said act, have been made by different governors of the State, such patent may issue to the grantees of the State without further request on the part of the present governor. (32 L. D., 265; September 25, 1903.)

L.—DRAFTING DIVISION.

All of the drafting required by the General Land Office for departmental and other purposes is done by this division. In addition to the preparation of maps and diagrams for official use, which embraces about 60 per cent of the entire work performed, and for which no charge can be made, the division also prepares numerous copies of official plats and diagrams which are charged for at cost and in conformity to the laws and regulations in force authorizing this work. The most important official work embraces the compilation of maps of the United States and of the numerous States and Territories in which public land is located, the platting of maps pertaining to townships and lesser subdivisions, and diagrams and copies of plats and tracings which are of official record. A necessary and very important work required of the division includes examinations of locations of rights of way for railroads, canals, ditches, and reservoirs, to determine their relative locations with reference to the lines of public survey, and to discover conflicts of location which may arise between them.

This division is also custodian of all official field notes of surveys of the public domain, and the originals and photolithographic copies of maps and plats relating thereto, together with about 393 volumes of mineral plats, and several thousand segregation mineral plats and diagrams.

The following is a statement in detail of the correspondence work performed in this division during the fiscal year 1904, viz:

Letters received during the year.....	2, 655
Letters disposed of:	
By answer.....	2, 200
By filing (no answer required)	356
By reference to other divisions and bureaus	93
Pending, June 30, 1904	6
Total number of letters answered as above	2, 200
Letters originating in Division L	271
Total number of letters written	2,471

The completion and delivery of the 1902 United States map was prevented, after the receipt of only 200 copies, by the Baltimore fire, and on March 1, 1904, the lithographers were advised of their release from further liability under the contract. By act of Congress approved March 28, 1904, the unexpended balance under this contract was made available for the 1904 edition. Steps were immediately taken to hasten the completion of the 1903 edition, and about 3,000 copies of this map have been received up to June 30, 1904.

The work of bringing the copperplate base of the United States map up to date for the 1904 edition is being pushed as rapidly as may be. Contract for lithographing 63,000 copies of the 1904 map, more or less, has been entered into with a Philadelphia firm, which has expressed its readiness to take up the work promptly, as soon as transfers are delivered to it, which will be in a few weeks. The con-

tract for printing this edition provides that within five weeks after order is received to print, the first 10,000 copies are to be delivered; that four weeks shall be allowed for the delivery of the second and each succeeding 10,000 copies, and that the entire edition is to be completed within twenty-five weeks after the work of printing is begun.

The compilation of a map of Washington is well in hand; maps of Wyoming and Minnesota have been revised and partly recompiled and are ready for final tracing, while a new map of Michigan is now ready for the lithographers as soon as contract is entered into for the new fiscal year. New editions of Nevada, New Mexico, and Arizona have been received since June 30, 1903.

In the compilation of maps of States and of the United States, it is often necessary to send clerks and draftsmen to other bureaus and other departments for data not obtainable in this division, especially for data covering names and location of new towns and post-offices, counties and county boundaries, etc., much time being consumed in securing this desirable information. The accumulation of this material, however, expedites the compilation of any map when the record of changes of the character named is kept up to date and ready for immediate use.

During the year a base map of the United States 44 by 67 inches in size was compiled and drawn upon a polyconic projection, scale 50 miles to an inch, showing drainage, State boundaries, etc. Photolithographic copies of this map were reproduced upon five copies of which were shown, by designations in color and proper lettering, the several outboundaries of the Territory of Louisiana which occurred at the time of the transfers of the same from one State to another between the date of La Salle's proclamation, in 1682, and the purchase from France by the United States in 1803. These maps were made for use in connection with the exhibit of this office at the Louisiana Purchase Exposition.

A General Land Office map of 1903 was also prepared for enlarged reproduction by photolithographic process in 20 sheets. The same was mounted and all color work added thereto in the Government building at the exposition by one of the draftsmen of this division detailed for that purpose. The size of this map when mounted was 12 by 16 feet.

About 20 charts were prepared in connection with the Louisiana Purchase Exhibit, showing data of different kinds relating to the survey, sale, and patenting of Government lands.

Three maps, to accompany the annual reports of the governors of Arizona, New Mexico, and Oklahoma Territories, were edited and corrected. In connection with work pertaining to the creation of forest reserves, a large number of permanent and temporary withdrawals have been examined and diagrams made, often in duplicate, for future use in this office. Drafts of all proclamations creating forest reserves have been carefully examined in this division, before submitting to the Secretary of the Interior, in regard to the description of boundaries, and the areas were computed in each instance.

A number of letters have been written and surveys examined for the surveying, mineral, and swamp-land divisions.

Several draftsmen have been employed at various times during the year upon the preparation of plats and field notes for binding; and as

a result 82 volumes of field notes, 109 volumes of miscellaneous plats, and 1 atlas have been prepared and sent to the Government Printing Office.

There were made 1,277 drawing paper and other diagrams for the various local offices and bureaus connected with the Department; 126 diagrams, for which fees were collected to the amount of \$414.24; 275 tracings of maps, plats, and diagrams for official use, and 402 tracings, for which fees were collected to the amount of \$1,099.25.

This division supplied 1,912 photolithographs of plats of survey for official use in the various bureaus; 903 to surveyors-general and registers and receivers, and to outside applicants 7,762, for which fees were collected to the amount of \$2,044.18. A large number of these copies required comparison and certification. As against the above number of photolithographs disposed of, the 296 plats remaining with the contractors on June 30, 1903, have been returned to this office, together with editions; also 718 of 769 originals sent during the present fiscal year, making a total of 1,014 editions, or 15,210 photolithographs.

Two hundred and eleven plats sent the contractors during the fiscal year were returned without photolithographic editions, and in a more or less damaged condition, on account of the Baltimore fire, 54 being under the special North Dakota contract and 157 under the contract for the fiscal year ended June 30, 1903. The North Dakota appropriation was allowed to lapse, with the consent of the Department, as the contract was practically completed, while \$2,450 of the regular appropriation for 1903 has been extended by act of Congress so as to be available for the coming fiscal year. This is in addition to the regular appropriation for photolithographs.

Examination and report have been made upon 272 railroad and tramway maps and 446 maps of canals, ditches, and reservoir sites, nearly all in duplicate. Three hundred and seventy-four copies of approval on similar maps have been made, together with designation of land districts. Seven hundred and ten subdivisional township plats, 89 township exteriors, and 31 miscellaneous surveys have been entered upon working diagrams and filed for reference. Frequent demands are made upon this division for calculations and tabular statements of areas of States and Territories, reservations, etc. For example, it was necessary to recompute the area of the different nations in Indian Territory, necessitating the checking of all the township plats relating thereto. Annual corrections are also made of the Division C tables, due to changes in land districts and county boundaries.

A plat index of Oklahoma and an index of Idaho field notes have been compiled for the drafting division; 9 index diagrams have been revised for Division E and 5 indexes of tract books for Division C. Among other diagrams requiring special compilation may be mentioned: Three, showing respectively the allotments, etc., in the Red Lake, Devils Lake, and Rosebud Indian Reservations; 2 diagrams of national parks; 1 plat for the Secretary of Agriculture, showing reservoirs, etc.; 3 diagrams of exteriors and 1 of Alabama subdivisions; 2 indexes of subdivisional plat books; 3 railroad diagrams showing limits in New Mexico and Arizona; 10 plats of the Hooper Valley Indian Reservation; 1 complete set of forest reserves in scrapbook for Division N, and 180 Gilsonite mining claims in Utah. Three hundred letters from

surveyors-general and 394 segregation plants of mineral surveys have been noted on cards and filed. A number of computations of fractional lots created by mineral claims have been required.

The table of areas of the States and Territories of the United States, compiled by this division and published for the first time in the annual report of the Commissioner of the General Land Office for 1899, is again presented. The areas with reference to the States and Territories remain as heretofore given, with the exception of Indian Territory and Oklahoma.

Table of areas of the States and Territories of the United States.

State or Territory.	Land surface.		Water surface.		Total areas.	
	Square miles.	Acres.	Square miles.	Acres.	Square miles.	Acres.
Alabama.....	51,028	32,657,920	728	465,320	51,756	33,123,840
Alaska.....	575,162	368,103,680	24,284	15,541,760	599,446	383,645,440
Arizona.....	113,738	72,792,320	132	84,480	113,870	72,876,800
Arkansas.....	52,412	33,543,680	816	522,240	53,228	34,065,920
California.....	156,203	99,969,920	2,030	1,299,200	158,233	101,269,120
Colorado.....	103,669	66,348,160	300	192,000	103,969	66,540,160
Connecticut.....	4,794	3,068,160	818	523,520	5,612	3,591,680
Delaware.....	1,969	1,260,160	411	263,040	2,380	1,523,200
District of Columbia.....	59	37,760	10	6,400	69	44,160
Florida.....	54,801	35,072,640	4,183	2,677,120	58,984	37,749,760
Georgia.....	58,850	37,664,000	586	375,040	59,436	38,039,040
Idaho.....	83,271	53,293,440	557	356,480	83,828	53,649,920
Illinois.....	56,004	35,842,560	2,350	1,504,000	^a 58,354	37,346,560
Indiana.....	35,860	22,950,400	727	465,280	^b 36,587	23,415,680
Indian Territory.....	30,804	19,714,560	437	273,680	31,241	19,994,240
Iowa.....	55,697	35,646,080	573	366,720	56,270	36,112,800
Kansas.....	81,848	52,382,720	388	248,320	82,236	52,631,040
Kentucky.....	39,898	25,534,720	434	277,760	40,332	25,812,480
Louisiana.....	45,399	29,055,360	4,227	2,705,280	49,626	31,760,640
Maine.....	29,894	19,132,160	3,145	2,012,800	33,039	21,144,960
Maryland.....	9,875	6,320,000	2,422	1,550,080	12,297	7,870,080
Massachusetts.....	8,038	5,144,320	508	325,120	8,546	5,469,440
Michigan.....	57,530	36,819,200	40,460	25,894,400	^c 97,990	62,713,600
Minnesota.....	79,997	51,198,080	6,338	4,056,320	^d 85,335	55,254,400
Mississippi.....	46,383	29,685,120	536	343,040	46,919	30,028,160
Missouri.....	68,431	43,795,840	706	451,840	69,137	44,247,680
Montana.....	146,240	93,593,600	821	525,440	147,061	94,119,040
Nebraska.....	76,777	49,137,280	754	482,560	77,531	49,619,840
Nevada.....	109,901	70,336,640	778	497,920	110,679	70,834,560
New Hampshire.....	9,056	5,795,840	321	205,440	9,377	6,001,280
New Jersey.....	7,454	4,770,560	719	460,160	8,173	5,230,720
New Mexico.....	122,545	78,428,800	142	90,880	122,687	78,519,680
New York.....	47,687	30,519,680	6,032	3,860,480	^e 53,719	34,380,160
North Carolina.....	48,972	31,342,080	3,702	2,369,280	52,674	33,711,360
North Dakota.....	70,172	44,910,080	707	452,480	70,879	45,362,560
Ohio.....	40,723	26,062,720	3,741	2,394,240	^f 44,464	28,456,960
Oklahoma.....	38,623	24,718,720	248	158,720	38,871	24,877,440
Oregon.....	95,746	61,277,440	1,092	698,880	96,838	61,976,320
Pennsylvania.....	44,679	28,594,560	1,249	799,360	^g 45,928	29,393,920
Rhode Island.....	1,081	691,840	166	106,240	1,247	798,080
South Carolina.....	30,460	19,494,400	588	376,320	31,048	19,870,720
South Dakota.....	76,885	49,206,400	695	444,800	77,580	49,651,200
Tennessee.....	41,686	26,679,040	370	236,800	42,056	26,915,840
Texas.....	262,506	168,003,840	3,505	2,243,200	266,011	170,247,040
Utah.....	82,096	52,541,440	2,832	1,812,480	84,928	54,353,920
Vermont.....	9,114	5,832,960	449	287,360	9,563	6,120,320
Virginia.....	39,925	25,552,000	2,405	1,539,200	42,330	27,091,200
Washington.....	66,792	42,746,880	3,782	2,420,480	70,574	45,167,360
West Virginia.....	24,343	15,579,520	161	103,040	24,504	15,682,560
Wisconsin.....	55,117	35,274,880	10,688	6,840,320	^h 65,805	42,115,200
Wyoming.....	97,552	62,433,280	326	208,640	97,878	62,641,920
Total.....	3,547,746	2,270,557,440	144,379	92,402,560	3,692,125	2,362,960,000

^a 1,674 square miles of Lake Michigan included.

^b 230 square miles of Lake Michigan included.

^c 16,653 square miles of Lake Superior, 12,292 square miles of Lake Michigan, 9,925 square miles of Lake Huron, and 460 square miles of Lakes Erie and St. Clair included.

^d 2,514 square miles of Lake Superior included.

^e 3,140 square miles of Lake Ontario and Lake Erie included.

^f 3,443 square miles of Lake Erie included.

^g 891 square miles of Lake Erie included.

^h 2,378 square miles of Lake Superior and 7,500 square miles of Lake Michigan included.

Table of areas of the States and Territories of the United States—Continued.

State or Territory.	Land surface.		Water surface.		Total areas.	
	Square miles.	Acres.	Square miles.	Acres.	Square miles.	Acres.
NEW ACQUISITIONS (APPROXIMATED).						
Philippine Islands.....					143,000	91,520,000
Hawaiian Islands.....					6,740	4,313,600
Porto Rico.....					3,600	2,304,000
Guam Island.....					175	112,000
Tutuila Group of the Samoan Islands.....					73	46,720
Total new acquisitions.....					153,588	98,296,320
Grand total.....					3,845,713	2,461,256,320

The area of Lake Michigan is included in the table, and so much of the areas of Lakes Superior, Huron, St. Clair, Erie, and Ontario as is within the jurisdiction of the United States.

For the States bordering the oceans the general shore line is taken as boundary, thus including the areas of bays, inlets, etc.

M.—DIVISION OF ACCOUNTS.

The following is a summary of the work performed in this division during the fiscal year ended June 30, 1904:

Letters received and considered	32, 514
Letters written.....	21, 165
Accounts examined and forwarded for settlement.....	10, 820
Duplicate certificates of deposit received and recorded	11, 800

The accounts, covering \$14,262,259.04, show receipts and disbursements as follows:

RECEIPTS.

578	quarterly accounts of receivers of public moneys (sales of public and Indian lands)	\$9, 849, 032. 15
428	quarterly accounts of receivers of public moneys (unearned fees and unofficial moneys)	717, 547. 39
102	accounts of moneys collected on account of depredations on public timber	85, 663. 48
61	accounts of moneys collected on account of sales of public timber, acts March 3, 1891, and June 4, 1897.....	50, 276. 12
36	accounts of moneys received from sales of Government property (old furniture, etc.)	917. 85
104	accounts of moneys received by town-site boards	30, 234. 44
(72)	accounts of moneys deposited by individuals to cover the cost of field and office work in connection with the survey of public lands	196, 303. 41
12	accounts of receiving clerk, General Land Office, for moneys received from certified copies and transcripts of records	23, 675. 00
1, 321	Total receipts	10, 953, 649. 84

DISBURSEMENTS.

1, 161	quarterly accounts of receivers of public moneys as special disbursing agents.....	\$846, 772. 85
(428)	quarterly accounts of receivers of public moneys (unearned fees and unofficial moneys).....	703, 031. 72
210	quarterly accounts of surveyors-general as disbursing agents..	319, 588. 74
25	State fund accounts	332, 016. 35
1, 127	repayment accounts for land erroneously sold.....	99, 095. 60
190	accounts of deputy surveyors.....	319, 244. 25
56.	accounts of town-site boards	26, 144. 22
6, 730	miscellaneous accounts, including those of special agents, inspectors, forest superintendents, supervisors, rangers, and contingent, transportation, and other accounts.....	662, 715. 47
9, 499	Total disbursements	3, 308, 609. 20

The aggregate receipts of the land service during the fiscal year ended June 30, 1904, were \$9,283,341.98, and the aggregate expenditures and liabilities \$2,100,093.92, leaving a net surplus in the United States Treasury of \$7,183,248.06 on account of the disposals of public lands during said fiscal year.

The larger part of the above expenditures are, as heretofore, disconnected from the business of disposals of public lands, and therefore can not be properly considered as offsets or charges against receipts

from such sales. In this class may be specified the following expenditures and liabilities for the year:

Expenses connected with surveying the public domain, State boundaries, etc.....	\$625, 161. 00
Expenses of protecting forest reserves.....	357, 099. 00
Expenses of protecting public lands.....	201, 000. 00
Expenses of inspecting mines in Territories.....	6, 855. 00
Expenses of publishing maps for public use.....	19, 160. 00
Total.....	1, 209, 275. 00

As has been noted in prior years, these and other similar expenditures in the land service pertain to the general functions of the Government, as do expenditures in other bureaus which yield no income or receipts whatever. Omitting, then, the expenses thus above noted (\$1,209,275), there remains a net grand surplus of receipts over expenditures during the fiscal year of 1904, amounting to \$8,392,523.06.

A large amount of work has been performed by the division that can not be conveniently tabulated, such as the preparation of statistical tables, estimates of annual and other appropriations, reports called for by the Court of Claims and by Congress, receipt, examination, recording, and distribution of returns from local land offices, compilation of statistics for this annual report, and much other service in connection with the public lands.

The following tables are submitted, showing a recapitulation of the public land transactions in the several States and Territories during the year:

Amounts deposited by mining claimants on account of the platting of their claims and other office work in the surveyors-general's offices during the fiscal year ended June 30, 1904.

District.	Amount.	District.	Amount.
Alaska.....	\$5, 900. 00	Oregon.....	\$4, 590. 00
Arizona.....	15, 060. 00	South Dakota.....	7, 770. 00
California.....	10, 260. 00	Utah.....	15, 795. 00
Colorado.....	39, 560. 00	Washington.....	4, 070. 00
Idaho.....	9, 070. 00	Wyoming.....	6, 775. 00
Montana.....	10, 995. 00	Total.....	136, 225. 00
Nevada.....	3, 005. 00		
New Mexico.....	3, 375. 00		

Amounts deposited by settlers and railroad companies during the fiscal year ended June 30, 1904, to secure the survey of public lands under the provisions of the acts of Congress approved August 20, 1894 (28 Stat. L., 423), and February 27, 1899 (30 Stat. L., 892).

Depositor.	Field work.	Office work.	Aggregate.
Settlers.....	\$2, 580. 50	\$440. 00	\$3, 020. 50
Central Pacific R. R. Co.....	100. 00	75. 00	175. 00
Northern Pacific Rwy. Co.....	25, 107. 00	2, 900. 00	28, 007. 00
Santa Fe Pacific R. R. Co.....	38, 802. 00	4, 540. 00	43, 342. 00
Total.....	66, 589. 50	7, 955. 00	74, 544. 50

Amounts deposited by railroad companies during the fiscal year ended June 30, 1904, to reimburse the United States for the cost of the survey (field and office work) of public lands selected by them and embraced within the limits of their grants.

Name of road.	Field work.	Office work.	Aggregate.
Northern Pacific Rwy. Co.....	\$57.21	\$20.00	\$77.21
St. Paul, Minneapolis and Manitoba Rwy. Co.....	587.09	43.98	631.07
Santa Fe Pacific R. R. Co.....	.69		.69
Union Pacific R. R. Co.....	14,329.69	2,499.01	16,828.70
Total.....	14,974.68	2,562.99	17,537.67

In addition to the above amount, viz, \$17,537.67, deposited by railroad companies to reimburse the United States for the cost of surveys during the fiscal year 1904, certificates covering deposits made by railroad companies under the act of February 27, 1899 (30 Stat. L., 892), were surrendered under the provisions of said act to the Commissioner of the General Land Office during said fiscal year on account of surveying fees due the United States, as follows:

Central Pacific Railroad Company.....	\$15,667.00
Northern Pacific Railway Company.....	52,519.00
Oregon and California Railroad Company.....	1,410.00
Sante Fe Pacific Railroad Company.....	5,932.36
Southern Pacific Railroad Company.....	1,485.00
Total.....	77,013.36

making a total reimbursement to the United States of \$94,551.03, during the fiscal year 1904 on account of survey of land within railroad grants.

Statement showing the amounts covered into the Treasury to the credit of the reclamation fund from the sales of public lands and fees and commissions in the several States and Territories during the fiscal years 1901, 1902, and 1903, under the provisions of the act of Congress approved June 17, 1902 (32 Stat. L., 388).

State or Territory.	Fiscal years.			Total for three years ending June 30, 1903.
	1901.	1902.	1903.	
Arizona.....	\$42,586.16	\$39,187.35	\$48,360.20	\$130,133.71
California.....	205,030.40	298,240.36	839,221.40	1,342,492.16
Colorado.....	254,889.88	374,105.13	519,812.89	1,178,807.90
Idaho.....	206,645.36	300,803.27	650,331.95	1,157,780.58
Kansas.....	20,188.78	28,946.94	27,836.50	76,972.22
Montana.....	367,342.31	405,035.49	558,071.49	1,330,449.29
Nebraska.....	102,963.24	132,234.94	138,728.70	373,926.88
Nevada.....	9,183.47	14,230.61	14,136.76	37,550.84
New Mexico.....	75,203.06	72,034.60	154,265.49	301,503.15
North Dakota.....	449,474.96	778,021.35	1,244,916.47	2,472,412.78
Oklahoma.....	370,464.93	638,330.44	864,766.83	1,873,562.20
Oregon.....	364,988.62	545,972.44	1,896,970.68	2,807,931.74
South Dakota.....	113,274.20	194,288.17	248,696.14	556,258.51
Utah.....	98,416.00	48,408.38	88,872.38	235,696.76
Washington.....	257,180.95	536,907.82	1,109,299.54	1,903,388.31
Wyoming.....	206,989.59	178,773.24	279,709.18	665,472.01
Total.....	3,144,821.91	4,585,520.53	8,713,996.60	16,444,339.04

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Statement showing the total amount accrued and paid to each of the States hereinafter named and to the Territory of New Mexico on account of the grants of 2, 3, and 5 per cent of the net proceeds of the sales of public land lying within their respective limits, up to and including the fiscal year 1902, the amount for the fiscal year 1903, and the aggregate amounts to June 30, 1903, inclusive.

State or Territory.	Total to June 30, 1902.	Fiscal year 1903.	Aggregate to June 30, 1903 (inclusive).
Alabama	\$1,069,877.55	\$450.15	\$1,070,327.70
Arkansas	275,365.84	5,115.15	280,480.99
Colorado	323,820.10	8,322.31	332,142.41
Florida	112,551.26	437.92	112,989.18
Idaho	58,568.79	30,422.57	88,991.36
Illinois	1,187,908.89	.....	1,187,908.89
Indiana	1,040,255.26	.....	1,040,255.26
Iowa	633,638.10	.....	633,638.10
Kansas	1,094,792.64	520.47	1,095,313.11
Louisiana	443,732.84	5,758.23	449,491.07
Michigan	573,533.91	2,553.95	576,087.86
Minnesota	447,411.36	25,103.87	472,515.23
Mississippi	1,065,308.15	432.59	1,065,740.74
Missouri	1,039,545.79	1,445.17	1,040,990.96
Montana	134,170.39	25,000.53	159,170.92
Nebraska	518,964.13	5,110.90	524,075.03
Nevada	12,672.17	496.69	13,168.86
New Mexico	6,742.21	5,133.71	11,875.92
North Dakota	81,283.20	49,919.20	131,202.40
Ohio	999,353.01	.....	999,353.01
Oregon	287,944.22	90,135.24	378,079.46
South Dakota	57,679.11	9,282.95	66,962.06
Utah	16,719.35	3,516.73	20,236.08
Washington	157,670.42	50,554.22	208,224.64
Wisconsin	579,568.09	1,540.22	581,108.31
Wyoming	49,043.08	10,763.58	59,806.66
Total	12,268,119.86	332,016.35	12,600,136.21

The following is a statement of the acreage disposed of during the fiscal year ended June 30, 1904:

CASH SALES.	Acrea.
Private entries	22,308.12
Public auction	68,603.78
Preemption entries	9,675.25
Timber and stone entries	1,306,261.30
Mineral-land entries	88,182.55
Desert-land entries (original)	753,731.33
Excesses on homestead and other entries	22,009.87
Coal-land entries	28,827.42
Town sites	138.55
Supplemental payments	1.79
Abandoned military reservations	2,330.79
Under sundry special acts	5,273.98
	2,307,344.73

MISCELLANEOUS.

Homestead entries (original)	10,171,265.97
Entries with—	
Military bounty land warrants	32,164.44
Agricultural college scrip	960.00
Private land scrip	7,880.00
Red Lake and Pembina scrip	480.00
Valentine scrip	80.00
Sioux half-breed scrip	400.00
Dodge scrip	40.00
State selections	1,042,398.39
Railroad selections	2,353,584.96

		Acre.
Wagon-road selections	77,709.10	
Indian allotments	4,610.19	
Small holdings	447.93	
Donation act	320.00	
Swamp lands patented	259,207.23	
		<hr/> 13,951,548.21
Total area of public land entries and selections		16,258,892.94

INDIAN LANDS.

Cherokee school	579.62	
Southern Ute	11,286.27	
Ute	38,426.23	
Osage trust and diminished reserve	10,998.36	
Chippewa	120.00	
Red Lake Indian Reservation ceded lands	73,524.27	
Otoe and Missouri	40.00	
Omaha	360.30	
Absentee Shawnee Indian school land	319.50	
Umatilla	1,759.68	
Sioux	41.44	
Utah and White River Ute lands	720.38	
Colville Indian Reserve	8,752.96	
		<hr/> 146,929.01
Grand total		16,405,821.95

RECAPITULATION.

Area sold for cash	2,307,344.73	
Area, miscellaneous entries	13,951,548.21	
Area, Indian lands	146,929.01	
		<hr/> 16,405,821.95

Showing a decrease of 6,418,477.70 acres as compared with the aggregate of disposals for the fiscal year 1903.

The foregoing statement does not include the following entries, the areas of which have been previously reported in the original entries of the respective classes:

	Acre.
Final desert-land entries	268,913.43
Homesteads commuted to cash	2,142,185.44
Timber-culture entries commuted under act March 3, 1891	320.00
Abandoned military reservations	18,804.81
Cash substitutions	2,721.49
Supplemental payments	178.14
Under sundry acts	11,913.32
Final homesteads	3,232,716.75
Final timber-culture entries	70,640.05
	<hr/> 5,748,393.43
Commuted homestead and final desert entries, Indian lands	88,860.22
Total	<hr/> 5,837,253.65

The number of filings and fees thereon will be found in the following table:

	Number.	Fees.
Preemption declaratory statements	297	\$857.00
Homesteads, soldiers' declaratory statements	1,097	2,307.00
Coal land, declaratory statements	2,985	8,764.00
Reservoir, declaratory statements	1,303	2,691.00
Valentine scrip applications	3	3.00
Timber and stone applications	9,582	95,820.00
Town site applications	2	6.00
Mineral land applications	1,773	17,730.00
	17,042	128,178.00
Mineral adverse claims	229	2,290.00
Total	17,271	130,468.00
Miscellaneous fees:		
For reducing testimony to writing, etc		111,660.85
For cancellation fees		4,993.00
Total		247,121.85

CASH RECEIPTS.

The following is a statement of the cash receipts of the office from various sources during the fiscal year ended June 30, 1904:

Sales of land at private entry	\$28,293.84
Sales of land at public auction	103,198.20
Sales of land by preemption entry	12,480.96
Sales of timber and stone land	3,266,142.96
Sales of mineral land	354,064.86
Sales of desert land (original)	188,405.49
For final desert land	268,922.12
For commuted homesteads	2,747,659.61
For timber-culture entries commuted under act of March 3, 1891	400.00
For excesses on homestead, timber culture, and other entries	31,172.28
For sales of coal lands	395,209.90
For sales of town sites	323.20
For sales of town lots	120.00
Interest payments on commuted homesteads	8,535.71
For competitive bids	329.25
For supplemental payments	34.18
Cash substitutions	3,263.03
Sales of abandoned military reservations	26,726.82
Sales under sundry special acts	10,620.43
Total	7,445,902.84

FEES AND COMMISSIONS.

For homestead entries (original and final)	\$1,050,551.16
For timber-culture entries (final)	1,820.00
For entries with—	
Military bounty land warrants	805.50
Agricultural college scrip	24.00
Valentine scrip	2.00
Dodge scrip	1.00
For State selections	12,322.00
For railroad selections	29,542.00
For wagon road selections	976.00
For lands entered under donation act	10.00
For commissions on commuted homesteads (Indian ceded lands)	6,815.38
For preemption, coal, reservoir, and other filings	128,178.00
For mineral adverse claims	2,290.00

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For cancellation notices.....	\$4,993.00
For reducing testimony to writing, etc.....	111,660.85
	\$1,349,990.89

Total receipts from disposal of public lands.....	8,795,893.73
Total receipts from disposal of Indian lands.....	333,757.62
Total receipts from depredations on public lands.....	72,585.08
Total receipts from sales of timber under acts March 3, 1891, and June 4, 1897.....	56,691.70
Total receipts from sales of Government property (office furniture, etc.).....	738.85
Total receipts from furnishing copies of records and plats.....	23,675.00
	9,283,341.98

The total cash receipts for the fiscal year 1903 were \$11,024,743.65, showing a decrease in receipts for the year ended June 30, 1904, of \$1,741,401.67.

The total expenses of district land offices for salaries and commissions of registers and receivers, incidental expenses, and expenses of depositing public moneys during the fiscal year ended June 30, 1904, were \$842,975.51, an increase of \$14,112.89.

The aggregate expenditures and estimated liabilities of the public land service including expenses of district land offices, as stated, were \$2,100,093.92, leaving a net surplus in the United States Treasury of \$7,183,248.06.

Statement by States and offices of the disposal of Indian lands during the fiscal year ended June 30, 1904.

State and office.	Entries.	Acres.	Amount.
CHEROKEE SCHOOL.			
Alabama:			
Huntsville	12	579.62	\$724.55
SOUTHERN UTE.			
Colorado:			
Durango.....	94	{ [3,735.00] 11,286.27 }	11,601.53
UTE.			
Colorado:			
Durango.....	1	3.70	4.63
Glenwood Springs.....	132	{ [3,198.61] 11,784.88 }	13,451.76
Gunnison.....	38	{ [360.00] 4,768.38 }	5,878.00
Montrose	227	{ [4,849.36] 21,869.27 }	29,422.16
Total	398	{ [8,407.97] 38,426.23 }	48,756.55
SHOSHONE AND BANNOCK.			
Idaho:			
Blackfoot (Pocatello town lots).....	7		70.00
OSAGE TRUST AND DIMINISHED RESERVE.			
Kansas:			
Dodge City	155	10,918.36	14,712.83
Topeka	2	80.00	311.75
Total	57	10,998.36	15,024.58
KANSAS TRUST AND DIMINISHED RESERVE.			
Kansas:			
Topeka (from deferred and interest payments).....			45.93
CHIPPEWA.			
Minnesota:			
Cass Lake	27	{ [2,884.77] 120.00 }	3,800.96
Crookston	180	[26,486.95]	33,108.71
Duluth	17	[2,441.37]	3,051.92
Total	224	{ [31,813.09] 120.00 }	39,961.59

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Statement by States and offices of the disposal of Indian lands during the fiscal year ended June 30, 1904—Continued.

State and office.	Entries.	Acres.	Amount.
RED LAKE INDIAN RESERVATION CEDED LANDS.			
Minnesota: Crookston (first payments).....	477	73,524.27	\$95,681.17
FLATHEAD.			
Montana: Missoula (from deferred and interest payments)			2,052.95
OTOE AND MISSOURIA.			
Nebraska: Lincoln	1	40.00	2,022.80
PONCA.			
Nebraska: O'Neill	36	[3,566.77]	2,789.35
OMAHA.			
Nebraska: O'Neill	5	360.30	17,269.66
ABSENTEE SHAWNEE INDIAN LANDS.			
Oklahoma Territory: Oklahoma City (2 sales public auction).....		319.50	10,680.00
UMATILLA.			
Oregon: La Grande.....	26	1,759.68	26,521.60
SIOUX.			
South Dakota: Chamberlain	238	[33,942.79]	28,546.68
Huron	7	[960.32]	740.24
Pierre	13	[1,687.21]	883.61
Rapid City	1	[157.58]	108.20
Watertown	2	41.44	131.80
Total	261	{ [36,747.90] 41.44 }	30,410.53
UINTAH AND WHITE RIVER UTE LANDS.			
Utah: Salt Lake City	8	720.38	900.48
COLVILLE INDIAN RESERVE.			
Washington: Spokane Falls.....	91	{ [2,869.49] 8,226.10 }	25,481.49
Waterville	28	{ [1,720.00] 526.86 }	3,762.86
Total.....	119	{ [4,589.49] 8,752.96 }	29,244.35

RECAPITULATION.

	Entries.	Acres.	Amount.
Alabama	12	579.62	\$724.55
Colorado	492	{ [12,142.97] 49,712.50 }	60,358.08
Idaho	7		70.00
Kansas	157	10,998.36	15,070.51
Minnesota	701	{ [31,813.09] 73,644.27 }	135,642.76
Montana			2,052.95
Nebraska	42	{ [3,566.77] 400.30 }	22,081.81
Oklahoma (public sales)		319.50	10,680.00
Oregon	26	1,759.68	26,521.60
South Dakota	261	{ [36,747.90] 41.44 }	30,410.53
Utah	8	720.38	900.48
Washington	119	{ [4,589.49] 8,752.96 }	29,244.35
Total.....	1,825	{ [88,860.22] 146,929.01 }	333,757.62

Areas of public and Indian lands disposed of for cash and under the homestead acts, under the timber-culture acts, located with agricultural college and other kinds of scrip, and located with military bounty-land warrants, and selected by States and railroads in the several States and Territories each year ended June 30 from 1893 to 1904, inclusive.

State or Territory.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.
Alabama.....	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
Alaska.....	149,293.04	274,899.08	121,517.73	135,197.15	110,925.66	141,678.18	135,554.36	204,165.56	97,069.59	79,030.51	118,015.48	95,338.63
Arizona.....	101.97	1,379.10	136.08	136.08	136.08	81.78	173.51	718.11	1,190.44	1,406.67	1,723.37	1,770.65
Arkansas.....	403,165.83	225,894.42	353,164.23	206,325.76	138,306.93	47,814.78	54,871.24	54,700.76	151,718.44	449,175.64	112,775.78	234,085.06
California.....	250,282.32	300,953.35	324,788.95	384,931.68	301,393.37	301,490.67	308,320.06	466,758.96	335,042.30	351,407.42	425,695.34	516,964.53
Colorado.....	869,750.10	628,770.57	614,788.95	1,223,719.63	523,130.89	312,867.52	405,392.67	577,758.87	693,072.42	626,406.35	957,507.84	986,253.31
Florida.....	967,899.30	418,776.52	482,019.70	311,562.09	343,139.76	317,139.84	400,698.50	818,756.45	693,847.60	1,107,613.48	1,620,391.95	1,679,617.79
Idaho.....	351,661.53	138,763.77	917,555.98	166,107.75	448,702.01	107,518.26	74,477.27	149,337.16	129,633.16	100,590.88	2,906,591.76	286,095.63
Illinois.....	312,709.22	302,075.37	339,328.02	177,193.62	353,041.87	107,458.13	516,398.49	400,976.44	889,422.90	671,327.03	700,472.52	858,734.73
Indiana.....	453.42	41.83	83.85	83.85	2,301.39	896.69	128.51	40.00	325.68	4.80	303.97	4.90
Iowa.....	3,339	1,075.11	3,281.97	1,704.32	1,926.05	1,349.36	2,306.12	3,880.30	14,377.75	373,983.47	903.62	952.39
Kansas.....	631,512.95	142,210.35	58,651.41	75,757.38	118,735.72	86,518.76	72,921.96	402,106.25	409,241.97	233,210.20	457,520.18	208,627.46
Louisiana.....	149,265.01	236,130.44	126,710.83	187,064.15	110,230.37	162,709.19	198,838.34	232,057.79	244,763.76	11.15	188,457.17	95,324.72
Michigan.....	106,256.41	73,305.89	66,436.27	63,889.35	35,270.73	32,632.29	51,332.71	64,615.15	55,217.60	51,224.89	59,689.43	47,580.07
Minnesota.....	414,561.15	432,215.04	511,649.00	706,175.51	788,470.06	490,806.51	631,943.99	759,931.83	697,427.44	933,435.87	1,098,763.74	1,098,763.74
Mississippi.....	144,278.88	103,751.83	164,254.12	188,335.30	178,183.13	136,957.15	111,473.36	149,727.21	113,851.45	80,385.39	119,124.82	82,201.70
Missouri.....	199,698.01	210,158.30	205,392.47	220,116.58	202,670.30	151,494.45	110,304.79	203,881.34	114,204.81	67,808.37	98,080.95	117,304.56
Montana.....	631,868.53	326,629.85	418,302.54	683,617.00	341,229.56	663,798.32	889,894.50	1,158,294.47	1,359,686.52	1,334,222.54	1,503,205.29	1,052,994.63
Nebraska.....	1,049,144.22	258,613.83	190,159.85	156,786.00	195,014.78	281,617.08	357,293.58	463,324.16	675,230.16	536,762.24	503,531.32	318,931.13
Nevada.....	104,162.63	49,571.45	187,417.72	252,632.50	79,689.17	127,081.66	41,640.29	492,017.97	9,386.14	34,627.63	206,643.67	216,408.06
New Mexico.....	212,259.68	180,462.68	317,934.67	1,891,634.98	675,506.86	33,929.58	41,640.29	492,017.97	773,694.04	443,507.26	886,276.60	601,360.93
North Dakota.....	768,319.30	378,293.09	625,367.50	1,673,115.38	624,474.26	1,288,457.26	1,157,064.14	1,869,792.30	2,084,690.68	2,548,606.34	2,935,112.18	1,798,551.95
Ohio.....	156.37	50.00	40.00	40.00	501,533.77	1,434,476.41	1,142,178.36	430.00	1,896,587.34	4,413,536.24	1,544,317.90	1,394,227.56
Oklahoma.....	855,738.37	3,770,496.13	981,455.43	1,468,428.47	391,330.16	493,704.63	535,343.93	842,015.58	995,663.35	1,297,623.21	1,926,395.13	1,172,415.14
Oregon.....	718,764.48	372,325.83	352,264.77	267,817.53	298,354.76	341,608.76	339,754.02	456,407.78	407,523.20	670,261.59	755,853.40	823,240.29
South Dakota.....	973,101.74	477,325.28	352,264.77	267,817.53	298,354.76	341,608.76	339,754.02	456,407.78	407,523.20	670,261.59	755,853.40	823,240.29
Utah.....	215,471.72	107,534.19	184,923.66	847,377.97	152,114.12	218,300.10	465,752.81	464,832.24	495,704.18	380,441.50	165,006.03	133,503.01
Washington.....	715,898.97	489,641.22	531,544.71	507,117.45	382,992.70	391,983.40	465,752.81	773,221.13	990,497.09	1,293,567.45	1,418,319.48	963,822.89
Wisconsin.....	103,011.90	109,214.39	111,755.01	106,168.98	153,537.07	100,072.51	67,943.93	141,352.02	119,703.88	154,024.90	113,706.27	89,949.98
Wyoming.....	502,453.72	261,735.49	453,608.85	467,217.23	373,811.00	380,959.69	533,848.43	995,982.18	995,536.05	1,456,788.70	2,014,698.83	402,162.24
Total.....	11,891,143.99	10,466,100.77	8,364,300.18	13,174,070.68	7,839,116.66	8,453,806.92	9,182,413.16	13,453,887.96	15,562,796.30	19,488,535.30	22,824,299.65	16,352,297.68

Statement showing, by States and Territories, the total amount of cash received on account of sales of public lands during each fiscal year from July 1, 1892, to June 30, 1904.

State or Territory.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.
Alabama.....	\$10,222.24	\$10,226.19	\$7,802.91	\$7,133.02	\$8,598.63	\$3,775.70	\$8,515.12	\$7,470.41	\$11,601.12	\$10,550.28	\$11,539.80	\$18,387.47
Alaska.....	515.00	4,531.85	1,510.13	550.00	3,945.00	147.50	678.50	2,276.32	2,324.02	5,503.10	2,169.06	5,739.82
Arizona.....	78,798.51	35,726.14	17,656.78	28,445.81	22,720.49	21,722.47	26,796.91	33,951.30	37,669.48	35,302.60	44,897.44	60,127.62
Arkansas.....	8,011.95	9,071.92	8,203.41	8,203.41	7,716.41	19,224.11	8,328.72	60,506.09	49,622.16	86,715.28	112,344.08	99,827.88
California.....	391,731.84	170,289.25	81,957.52	104,638.93	93,933.27	62,082.11	101,839.55	122,809.30	186,512.40	280,110.62	806,664.35	437,787.34
Colorado.....	283,173.24	104,080.81	78,416.60	102,980.31	87,231.39	121,197.93	90,047.70	164,248.76	224,973.17	332,117.49	511,903.66	437,472.19
Florida.....	8,810.05	7,613.27	3,853.21	4,508.85	3,633.46	2,065.65	1,312.02	3,138.54	4,487.20	5,666.86	11,619.27	31,053.39
Idaho.....	134,852.68	68,200.45	54,546.83	56,413.46	30,432.60	40,497.32	67,925.18	113,845.72	181,663.63	276,525.93	636,731.50	467,907.32
Illinois.....	2.30			150.00			50.00		1.76		50.00	56.12
Indiana.....	41.29	12.00				3.98	19.40				11.42	
Iowa.....	2,246.75	1,204.83	1,656.17	1,760.35	4,540.66	663.88	542.28	1,554.92	14,989.15	7,231.41	461.03	1,069.38
Kansas.....	116,690.76	26,251.91	13,720.90	4,685.25	2,295.82	2,657.43	2,318.38	3,494.87	5,555.43	8,341.22	13,510.49	16,697.18
Louisiana.....	16,277.15	5,819.04	4,057.89	4,973.06	4,322.16	8,325.23	8,620.17	19,780.04	38,941.22	63,359.17	125,016.88	71,267.02
Maine.....										3,770.00		
Michigan.....	20,599.61	13,743.84	13,392.19	13,392.19	10,876.69	8,147.27	8,707.79	32,391.74	45,027.86	38,789.12	54,724.41	41,080.27
Minnesota.....	168,232.11	278,624.37	132,460.93	81,698.43	54,744.39	100,716.79	77,325.73	212,600.92	218,756.41	213,947.95	525,640.41	591,915.96
Mississippi.....	11,276.35	4,448.72	3,962.02	6,848.26	13,640.00	11,968.14	13,849.13	25,363.58	21,360.28	25,202.94	11,536.38	19,785.81
Missouri.....	21,620.17	10,475.28	11,882.62	14,917.83	6,860.57	6,819.73	15,571.08	105,818.13	23,262.22	24,426.12	33,152.86	28,439.97
Montana.....	267,344.91	127,590.35	124,736.15	150,006.74	107,285.89	187,483.71	195,638.23	359,506.95	338,988.54	384,425.71	544,737.40	456,934.31
Nebraska.....	173,580.30	65,936.66	37,834.22	22,040.95	18,468.69	19,761.17	29,125.87	57,745.16	62,287.40	102,072.00	113,439.66	77,672.74
Nevada.....	2,695.00	1,280.00	2,180.75	3,033.10	2,205.00	2,870.00	1,340.00	8,416.09	9,319.29	14,439.46	11,324.93	15,506.08
New Mexico.....	90,862.42	41,073.64	18,853.75	15,738.64	22,512.70	22,512.70	22,245.89	29,867.01	56,878.41	46,151.50	117,674.26	64,669.74
North Dakota.....	126,931.90	36,276.75	27,438.50	28,965.49	21,421.37	44,283.62	71,803.95	169,259.11	349,794.86	583,632.08	1,039,601.72	1,044,756.18
Ohio.....	89,245.38	108,573.34	183,973.27	156,319.28	81,201.35	294,415.36	531,423.82	550,161.28	189,675.96	297,446.38	726,698.98	799,871.64
Oklahoma.....	373,014.25	95,778.80	40,998.17	41,806.77	117,638.37	39,338.74	103,216.62	238,007.69	316,507.48	486,330.82	1,863,677.31	1,317,330.98
South Dakota.....	158,995.16	72,441.81	73,617.79	33,586.82	38,523.16	64,832.04	110,443.86	177,881.11	80,834.96	132,353.63	204,807.36	139,335.61
Utah.....	79,976.19	51,555.78	31,023.48	45,540.22	45,670.16	54,704.03	44,979.94	60,837.78	93,637.28	43,368.42	88,117.61	49,303.61
Washington.....	398,238.74	208,183.84	64,205.37	45,110.77	46,275.62	64,152.97	155,213.23	155,213.23	185,326.39	446,317.43	1,037,202.44	669,930.43
Wisconsin.....	85,760.05	51,120.83	31,649.65	31,649.65	17,558.83	13,757.17	17,558.83	44,612.83	30,780.74	30,780.74	35,727.18	35,848.08
Wyoming.....	71,347.94	42,992.05	36,383.00	38,621.00	35,237.26	72,969.36	68,456.56	158,931.16	190,818.80	155,311.01	260,489.29	332,808.70
Total.....	3,198,280.64	1,653,080.71	1,116,090.07	1,053,905.59	917,911.19	1,291,076.10	1,703,988.32	2,899,731.83	2,966,542.86	4,139,268.47	8,900,471.18	7,445,902.84

Statement showing the total cash receipts arising from the disposal of public lands in the several land States and Territories during each fiscal year from July 1, 1892, to June 30, 1904, consisting of sales and fees and commissions.

State or Territory.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.
Alabama.....	\$31,206.90	\$41,727.81	\$24,099.64	\$25,366.04	\$24,433.31	\$21,511.96	\$26,335.26	\$26,076.93	\$24,032.55	\$21,265.08	\$26,403.31	\$31,294.08
Alaska.....	625.00	4,631.85	1,580.13	600.00	375.00	324.05	1,138.50	2,429.60	2,365.16	5,797.29	2,696.10	6,104.24
Arizona.....	90,992.79	43,427.89	27,459.30	36,043.14	29,306.08	27,852.88	33,370.92	33,983.16	47,875.99	47,875.99	56,076.69	72,192.50
Arkansas.....	39,091.23	43,605.09	43,534.67	51,770.46	42,338.92	54,114.81	50,049.38	114,029.67	96,138.77	126,678.32	60,293.51	158,420.18
California.....	466,999.17	224,540.33	128,004.33	156,335.07	137,728.05	104,733.80	144,493.38	174,164.71	238,052.56	336,208.48	877,335.89	518,410.35
Colorado.....	369,317.25	161,895.89	134,290.14	156,535.07	135,897.34	164,535.07	140,496.51	229,035.58	297,530.25	423,076.07	600,076.25	523,118.25
Florida.....	23,399.09	21,238.60	16,321.70	20,774.45	15,442.02	13,426.72	11,131.41	18,588.10	18,095.53	15,746.32	25,210.11	56,524.79
Idaho.....	162,280.51	87,984.25	84,126.69	97,976.05	60,368.99	75,865.63	113,698.51	156,623.61	239,028.65	336,062.45	702,335.28	538,650.37
Illinois.....	48.64	1.12	1.00	1.00	12.00	6.00	50.00	6.00	20.86	5.12	63.23	56.12
Indiana.....	42.71	19.05	13.90	4.12	1.87	15.26	19.40	1.04	17.026.99	7,838.49	2,533.04	2,102.00
Iowa.....	3,649.85	1,756.86	3,254.50	4,512.01	5,283.11	1,226.68	1,603.66	2,612.48	34,528.90	42,788.98	40,439.41	45,654.31
Kansas.....	191,800.61	59,245.62	31,846.92	20,318.50	18,774.37	22,368.09	21,280.55	30,929.80	44,528.90	91,297.86	148,884.02	88,458.93
Louisiana.....	34,014.02	22,895.11	20,400.93	23,991.33	21,126.52	27,361.48	31,773.91	46,836.51	65,697.56	3,770.00	63,505.91	48,636.69
Maine.....	20,023.24	22,284.41	22,432.10	20,030.02	13,871.05	13,201.64	15,813.63	40,537.22	52,206.81	46,960.47	68,085.91	48,636.69
Michigan.....	224,618.79	326,296.72	177,871.41	134,791.02	98,117.97	146,944.42	120,869.79	274,013.89	293,039.22	321,273.81	608,011.93	677,981.22
Minnesota.....	27,226.90	17,807.64	19,930.24	28,676.79	32,114.33	29,675.87	28,369.60	40,807.62	38,338.11	33,160.36	25,236.73	30,428.55
Mississippi.....	44,854.34	34,372.64	35,250.80	41,026.92	30,324.64	26,119.05	29,753.54	124,186.80	38,338.11	33,927.08	45,179.60	42,090.05
Montana.....	306,190.30	155,133.63	154,171.72	186,314.74	137,937.00	227,473.83	240,020.00	417,892.20	412,019.55	453,063.35	618,072.02	522,542.69
Nebraska.....	257,884.22	114,720.51	75,016.80	52,977.42	51,419.60	63,573.68	88,934.96	121,923.97	139,023.08	163,657.22	167,198.56	151,947.80
Nevada.....	4,153.30	1,761.76	5,019.75	27,147.60	11,300.75	4,112.15	2,286.32	10,021.77	10,210.77	16,635.76	18,384.45	21,430.33
New Mexico.....	107,022.42	52,569.67	31,852.10	28,123.44	45,138.19	27,739.40	41,363.85	61,740.07	95,469.52	90,703.54	179,081.78	106,865.05
North Dakota.....	188,774.45	84,476.48	74,612.19	93,428.17	89,217.11	167,512.15	180,466.88	357,435.63	49,421.34	830,890.47	1,319,835.67	1,234,218.36
Ohio.....	45.46	185.00	211.00	211.00	6.00	6.00	6.00	357,435.63	49,421.34	830,890.47	1,319,835.67	1,234,218.36
Oklahoma.....	172,240.10	449,514.26	298,667.22	225,241.66	137,474.53	422,327.32	650,393.52	678,639.38	410,427.13	684,025.72	901,143.75	958,706.62
Oregon.....	422,600.06	133,315.97	74,675.56	88,350.62	148,177.09	77,370.41	148,389.97	326,793.63	404,743.54	598,281.47	2,015,526.14	1,442,576.73
South Dakota.....	252,550.43	128,101.50	111,837.03	67,426.43	75,265.33	109,030.03	154,337.07	193,042.20	146,790.27	292,983.11	288,863.46	285,189.63
Utah.....	91,637.11	43,556.25	43,466.68	68,347.20	58,462.93	69,987.10	63,241.72	77,077.06	107,770.02	55,330.58	97,389.11	55,751.43
Washington.....	453,058.53	256,099.90	115,487.70	89,869.71	90,950.55	114,252.05	130,426.51	228,756.61	298,596.65	592,913.79	1,194,716.23	762,893.43
Wisconsin.....	101,572.93	63,714.86	56,586.03	45,519.81	33,766.84	27,158.95	27,913.47	61,823.36	42,698.09	53,359.81	53,858.51	50,809.59
Wyoming.....	90,640.40	56,954.43	54,805.48	55,725.06	49,755.57	94,675.12	83,268.55	199,004.96	242,611.51	211,182.63	318,866.99	365,580.44
Total.....	4,191,465.29	2,674,285.79	1,866,800.66	1,847,463.41	1,596,380.74	2,144,341.60	2,594,690.49	4,056,812.86	4,307,437.15	5,880,088.65	10,557,618.66	8,795,893.73

Statement showing, by fiscal years, the amount of money received for public lands sold, and fees and commissions collected on public lands disposed of otherwise than for cash, from July 1, 1886, to June 30, 1904; also the aggregate receipts from sales and fees and commissions during said period.

Fiscal year.	Total cash sales.	Total amount fees and commissions.	Total receipts from disposal of public lands.
1887.....	\$9,246,321.33	\$1,537,600.39	\$10,783,921.72
1888.....	11,203,071.95	1,198,000.05	12,701,072.00
1889.....	8,018,254.50	1,251,971.23	9,270,225.73
1890.....	6,349,174.24	1,121,696.07	7,470,870.31
1891.....	4,160,099.07	944,938.65	5,105,037.72
1892.....	3,322,865.01	1,064,805.26	4,387,670.27
1893.....	3,193,280.64	998,184.65	4,191,465.29
1894.....	1,653,080.71	1,021,205.08	2,674,285.79
1895.....	1,116,090.07	750,710.59	1,866,800.66
1896.....	1,053,905.59	793,557.82	1,847,463.41
1897.....	917,911.19	678,469.55	1,596,380.74
1898.....	1,291,076.10	853,265.50	2,144,341.60
1899.....	1,703,988.32	890,702.17	2,594,690.49
1900.....	2,899,731.83	1,157,081.03	4,056,812.86
1901.....	2,966,542.86	1,340,894.29	4,307,437.15
1902.....	4,139,268.47	1,740,820.18	5,880,088.65
1903.....	8,960,471.18	1,597,147.48	10,557,618.66
1904.....	7,445,902.84	1,349,990.89	8,795,893.73

Statement of the business transacted at the local land offices during the fiscal year ended June 30, 1904.

HUNTSVILLE, ALA.

[NOTE.—The area in brackets is not included in the aggregate by States, having been accounted for in the original entries.]

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Excess payments on homestead, timber-culture, and other entries and locations..	65	61.78			\$77.20
Homestead entries commuted to cash under section 2301, R. S.	22	[1,752.87]			2,191.11
Total cash sales	87	61.78			2,268.31
Original homestead entries	359	35,818.61	\$882.96	\$2,575.00	3,457.96
Final homestead entries	372	[39,826.72]	995.74		995.74
Amount received for cancellation notices..				22.00	22.00
Amount received for reducing testimony to writing				801.30	801.30
Total of all classes of entries and amount received therefrom	818	35,880.39	1,878.70	3,398.30	7,545.31
Salaries, fees, and commissions of register and receiver					3,761.82
Incidental expenses					1,027.68
Expense of depositing public moneys					5.65
Total					4,795.15
Sales of Cherokee Indian school lands	12	579.62			724.55

MONTGOMERY, ALA.

Sales of timber and stone lands	2	239.26			\$598.15
Excess payments on homestead, timber-culture, and other entries and locations..	118	164.32			206.36
Sale of land under act Mar. 2, 1895	1	[80.04]			109.05
Homestead entries commuted to cash under section 2301, R. S.	112	[11,924.93]			14,906.37
Substitution of cash for military bounty land warrants	2	[239.37]			299.23
Total cash sales	235	403.58			16,119.16
Original homestead entries	647	57,195.05	\$1,432.80	\$4,430.00	5,862.80
Final homestead entries	377	[36,644.00]	917.19		917.19

REPORT OF COMMISSIONER OF GENERAL LAND OFFICE. 227

Statement of the business transacted at the local land offices, etc.—Continued.

MONTGOMERY, ALA.—Continued.

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Lands entered with military bounty land warrants	14	1, 279. 99	.....	\$32. 00	\$32. 00
Applications to purchase timber and stone lands	2	.....	.....	20. 00	20. 00
Soldiers and sailors' homestead declaratory statements	1	.....	.....	2. 00	2. 00
Amount received for cancellation notices .....	.....	.....	.....	42. 00	42. 00
Amount received for reducing testimony to writing .....	.....	.....	.....	753. 62	753. 62
Total of all classes of entries and amount received therefrom	1, 276	58, 878. 62	\$2, 349. 99	5, 279. 62	23, 748. 77
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	4, 521. 96
Incidental expenses .....	.....	.....	.....	.....	2, 295. 58
Total .....	.....	.....	.....	.....	6, 817. 54

JUNEAU, ALASKA.

Sales of mineral lands	16	1, 129. 61	.....	.....	\$5, 197. 50
Sales of land under act May 14, 1898 (30 Stats., 409)	8	216. 90	.....	.....	542. 26
Excess payments on homestead, timber-culture, and other entries and locations	1	. 05	.....	.....	. 06
Total cash sales	25	1, 346. 56	.....	.....	5, 739. 82
Original homestead entries	20	424. 09	\$16. 56	\$100. 00	116. 56
Final homestead entries	20	[424. 09]	16. 61	.....	16. 61
Applications to purchase mineral lands	13	.....	.....	130. 00	130. 00
Mineral protests, adverse claims	8	.....	.....	80. 00	80. 00
Amount received for reducing testimony to writing .....	.....	.....	.....	21. 25	21. 25
Total of all classes of entries and amount received therefrom	86	1, 770. 65	33. 17	331. 25	6, 104. 24
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	3, 379. 23
Incidental expenses .....	.....	.....	.....	.....	815. 51
Total .....	.....	.....	.....	.....	4, 194. 74

PRESCOTT, ARIZ.

Sales of mineral lands	56	3, 849. 33	.....	.....	\$17, 362. 50
Sales of town sites	1	78. 55	.....	.....	98. 20
Sales of abandoned military reservations, payments thereon	[2]	[225. 89]	.....	.....	175. 68
Excess payments on homestead, timber-culture, and other entries and locations	3	24. 14	.....	.....	46. 43
Final entries under the desert land act	2	[319. 04]	.....	.....	319. 04
Homestead entries commuted to cash under section 2301, R. S	3	[357. 35]	.....	.....	646. 70
Total cash sales	65	3, 952. 02	.....	.....	18, 648. 55
Original homestead entries	70	9, 752. 91	\$474. 05	\$635. 00	1, 109. 05
Final homestead entries	53	[7, 990. 92]	423. 16	.....	423. 16
Lands selected under grants to railroads	977	156, 217. 54	.....	1, 954. 00	1, 954. 00
Applications to purchase mineral lands	71	.....	.....	710. 00	710. 00
Mineral protests, adverse claims	5	.....	.....	50. 00	50. 00
Reservoir declaratory statements	2	.....	.....	6. 00	6. 00
Amount received for cancellation notices .....	.....	.....	.....	1. 00	1. 00
Amount received for reducing testimony to writing .....	.....	.....	.....	235. 31	235. 31
Total of all classes of entries and amount received therefrom	1, 243	169, 922. 47	897. 21	3, 591. 31	23, 137. 07
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	5, 226. 44
Incidental expenses .....	.....	.....	.....	.....	786. 32
Total .....	.....	.....	.....	.....	6, 012. 76

228 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Statement of the business transacted at the local land offices, etc.—Continued.

TUCSON, ARIZ.

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Sales of mineral lands.....	71	6,325.58	.....	.....	\$26,930.00
Sales of abandoned military reservations..	3	[236.87]	.....	.....	596.08
Excess payments on homestead, timber-culture, and other entries and locations..	43	122.77	.....	.....	153.46
Original entries under the desert land act..	32	5,074.27	.....	.....	1,268.56
Final entries under the desert land act.....	12	[1,952.63]	.....	.....	1,952.63
Homestead entries commuted to cash under section 2301, R. S.....	56	[8,462.67]	.....	.....	10,628.34
Total cash sales.....	217	11,522.62	.....	.....	41,529.07
Original homestead entries.....	382	52,279.97	\$1,954.50	\$3,425.00	5,379.50
Final homestead entries.....	77	[10,101.23]	365.44	.....	365.44
Lands entered with Valentine scrip.....	1	40.00	.....	1.00	1.00
State selections.....	2	320.00	.....	4.00	4.00
Applications to purchase mineral lands.....	85	.....	.....	850.00	850.00
Mineral protests, adverse claims.....	15	.....	.....	150.00	150.00
Preemption declaratory statements.....	1	.....	.....	3.00	3.00
Soldiers' and sailors' homestead declaratory statements.....	1	.....	.....	3.00	3.00
Filing fees on Valentine scrip location.....	2	.....	.....	2.00	2.00
Amount received for cancellation notices.....	.....	.....	.....	24.00	24.00
Amount received for reducing testimony to writing.....	.....	.....	.....	1,044.42	1,044.42
Total of all classes of entries and amount received therefrom.....	783	64,162.59	2,319.94	5,506.42	49,355.43
Salaries, fees, and commissions of register and receiver.....	.....	.....	.....	.....	6,000.00
Incidental expenses.....	.....	.....	.....	.....	1,584.62
Expense of depositing public moneys.....	.....	.....	.....	.....	105.75
Total.....	.....	.....	.....	.....	7,690.37

CAMDEN, ARK.

Sales of timber and stone lands.....	95	9,463.47	.....	.....	\$23,658.66
Sales of land under act Aug. 31, 1852.....	5	360.35	.....	.....	450.44
Excess payments on homestead, timber culture, and other entries and locations..	96	553.18	.....	.....	691.39
Homestead entries commuted to cash under section 2301, R. S.....	93	[10,919.17]	.....	.....	13,648.95
Total cash sales.....	289	10,377.00	.....	.....	38,449.44
Original homestead entries.....	1,179	126,794.20	\$3,169.88	\$9,095.00	12,264.88
Final homestead entries.....	552	[67,334.13]	1,683.32	.....	1,683.32
Lands entered with military bounty land warrants.....	109	12,638.48	.....	316.00	316.00
Lands entered with agricultural college scrip.....	6	960.00	.....	24.00	24.00
Lands entered with private land scrip.....	86	4,067.30	.....	.....	.....
Lands selected under grants to railroads..	4	489.01	.....	8.00	8.00
Applications to purchase coal lands.....	2	.....	.....	4.00	4.00
Applications to purchase timber and stone lands.....	94	.....	.....	940.00	940.00
Amount received for cancellation notices.....	.....	.....	.....	21.00	21.00
Amount received for reducing testimony to writing.....	.....	.....	.....	1,308.15	1,308.15
Total of all classes of entries and amount received therefrom.....	2,321	155,325.99	4,853.20	11,716.15	55,018.79
Salaries, fees, and commissions of register and receiver.....	.....	.....	.....	.....	6,000.00
Incidental expenses.....	.....	.....	.....	.....	2,232.24
Expense of depositing public moneys.....	.....	.....	.....	.....	3.05
Total.....	.....	.....	.....	.....	8,235.29

Statement of the business transacted at the local land offices, etc.—Continued.

DARDANELLE, ARK.

Class of entry.	Num- ber.	Acres.	Commis- sions.	Fees.	Amount.
Sales of timber and stone lands	17	2, 007. 16			\$5,017. 90
Excess payments on homestead, timber culture, and other entries and locations.	182	1, 093. 76			1, 368. 86
Homestead entries commuted to cash un- der section 2301, R. S.	39	[4, 835. 74]			6, 041. 70
Total cash sales	238	3, 100. 92			12, 431. 46
Original homestead entries	707	87, 087. 28	\$2, 229. 51	\$5, 885. 00	8, 114. 51
Final homestead entries	151	[16, 549. 68]	435. 12		435. 12
Lands entered with military bounty land warrants	2	240. 00		6. 00	6. 00
Lands entered with private land scrip.	5	200. 00			
Applications to purchase timber and stone lands	17			170. 00	170. 00
Soldiers' and sailors' homestead declara- tory statements	1			2. 00	2. 00
Coal land declaratory statements	1			2. 00	2. 00
Amount received for cancellation notices.				8. 00	8. 00
Amount received for reducing testimony to writing				441. 98	441. 98
Total of all classes of entries and amount received therefrom	1, 122	90, 628. 20	2, 664. 63	6, 514. 98	21, 611. 07
Salaries, fees, and commissions of register and receiver					4, 543. 30
Incidental expenses					188. 00
Expense of depositing public moneys					7. 45
Total					4, 738. 75

HARRISON, ARK.

Sales of land at public auction	1	40. 00			\$50. 00
Sales of timber and stone lands	8	359. 96			900. 00
Sales of mineral lands	124	14, 402. 78			36, 140. 00
Excess payments on homestead, timber culture, and other entries and locations.	93	254. 36			317. 91
Homestead entries commuted to cash un- der section 2301, R. S.	44	[4, 796. 74]			5, 996. 32
Total cash sales	270	15, 057. 10			43, 404. 23
Original homestead entries	1, 668	188, 024. 94	\$4, 700. 81	\$13, 135. 00	17, 835. 81
Final homestead entries	536	[66, 995. 16]	1, 674. 84		1, 674. 84
Lands entered with military bounty land warrants	1	40. 00		1. 00	1. 00
Lands entered with private land scrip.	4	160. 00			
Applications to purchase mineral lands.	86			860. 00	860. 00
Applications to purchase timber and stone lands	8			80. 00	80. 00
Mineral protests, adverse claims	1			10. 00	10. 00
Soldiers' and sailors' homestead declara- tory statements	4			8. 00	8. 00
Amount received for cancellation notices.				39. 00	39. 00
Amount received for reducing testimony to writing				906. 97	906. 97
Total of all classes of entries and amount received therefrom	2, 578	203, 282. 04	6, 375. 65	15, 039. 97	64, 819. 85
Salaries, fees, and commissions of register and receiver					6, 000. 00
Incidental expenses					2, 729. 36
Expense of depositing public moneys					1. 95
Total					8, 731. 31

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Statement of the business transacted at the local land offices, etc.—Continued.

LITTLE ROCK, ARK.

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of timber and stone lands	12	876.46	.....	.....	\$2,191.15
Sales of mineral lands	1	40.00	.....	.....	100.00
Excess payments on homestead, timber-culture, and other entries and locations ..	28	136.65	.....	.....	170.84
Cash substitution for military bounty land warrant	1	[160.00]	.....	.....	200.00
Homestead entries commuted to cash under section 2301, R. S.	24	[2,312.60]	.....	.....	2,890.76
Total cash sales	66	1,053.11	.....	.....	5,552.75
Original homestead entries	643	66,038.01	\$1,686.68	\$4,725.00	6,411.68
Final homestead entries	334	[35,868.25]	922.78	.....	922.78
Lands entered with military bounty land warrants	1	120.00	.....	3.00	3.00
Lands entered with private land scrip	1	40.00	.....	.....	.....
Lands selected under grants to railroads ..	3	402.96	.....	6.00	6.00
Applications to purchase mineral lands ..	1	.....	.....	10.00	10.00
Applications to purchase timber and stone lands	12	.....	.....	120.00	120.00
Amount received for cancellation notices ..	.....	.....	.....	17.00	17.00
Amount received for reducing testimony to writing .....	.....	.....	.....	936.26	936.26
Total of all classes of entries and amount received therefrom	1,061	67,654.08	2,609.46	5,817.26	13,979.47
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	4,812.74
Incidental expenses .....	.....	.....	.....	.....	1,222.40
Total .....	.....	.....	.....	.....	6,035.14

EUREKA, CAL.

Sales of land at public auction	22	1,679.84	.....	.....	\$2,100.30
Sales of timber and stone lands	482	74,159.04	.....	.....	185,397.78
Sales of mineral lands	1	10.31	.....	.....	27.50
Excess payments on homestead, timber-culture, and other entries and locations ..	13	40.87	.....	.....	51.12
Homestead entries commuted to cash under section 2301, R. S.	17	[2,515.37]	.....	.....	3,144.22
Total cash sales	535	75,890.06	.....	.....	190,720.92
Original homestead entries	158	22,331.55	\$837.52	\$1,445.00	2,282.52
Final homestead entries	50	[6,933.50]	260.00	.....	260.00
Original homestead entries, Klamath Indian Reservation	3	156.61	5.88	15.00	20.88
Final homestead entries, Klamath Indian Reservation	1	[43.34]	1.62	.....	1.62
State selections	58	8,201.17	.....	116.00	116.00
Indian allotments	1	38.79	.....	.....	.....
Applications to purchase mineral lands ..	1	.....	.....	10.00	10.00
Applications to purchase timber and stone lands	482	.....	.....	4,820.00	4,820.00
Amount received for cancellation notices ..	.....	.....	.....	14.00	14.00
Amount received for reducing testimony to writing .....	.....	.....	.....	1,688.70	1,688.70
Total of all classes of entries and amount received therefrom	1,289	106,618.18	1,105.02	8,108.70	199,934.64
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	6,000.00
Incidental expenses .....	.....	.....	.....	.....	3,223.33
Total .....	.....	.....	.....	.....	9,223.33

Statement of the business transacted at the local land office, etc.—Continued.

INDEPENDENCE, CAL.

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Sales of timber and stone lands	1	158.15	.....	.....	\$395.38
Sales of mineral lands	7	229.31	.....	.....	1,160.00
Excess payments on homestead, timber-culture, and other entries and locations ..	1	.13	.....	.....	.16
Original entries under the desert-land act ..	17	4,080.73	.....	.....	1,020.18
Final entries under the desert-land act ..	10	[1,341.43]	.....	.....	1,341.43
Homestead entries commuted to cash under section 2301, R. S.	2	[320.00]	.....	.....	400.00
Total cash sales	38	4,468.32	.....	.....	4,317.15
Original homestead entries	28	4,182.83	\$108.40	\$270.00	438.40
Final homestead entries	11	[1,630.37]	58.15	.....	58.15
State selections	72	10,567.60	.....	144.00	144.00
Indian allotments	2	320.00	.....	.....	.....
Applications to purchase mineral lands ..	9	.....	.....	90.00	90.00
Applications to purchase timber and stone lands	1	.....	.....	10.00	10.00
Mineral protests, adverse claims	3	.....	.....	30.00	30.00
Coal-land declaratory statements	1	.....	.....	3.00	3.00
Reservoir declaratory statements	1	.....	.....	3.00	3.00
Amount received for reducing testimony to writing .....	.....	.....	.....	371.90	371.90
Total of all classes of entries and amount received therefrom	166	19,538.75	226.55	921.90	5,465.60
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	1,976.78
Incidental expenses .....	.....	.....	.....	.....	259.66
Total .....	.....	.....	.....	.....	2,236.44

LOS ANGELES, CAL.

Sales of land at public auction	2	64.26	.....	.....	\$80.22
Sales of timber and stone lands	7	747.35	.....	.....	1,866.79
Sales of mineral lands	15	825.03	.....	.....	4,105.00
Sales of land under act Feb. 28, 1889	1	20.14	.....	.....	25.18
Sales of land under act Mar. 3, 1887	7	3,074.16	.....	.....	2,797.00
Excess payments on homestead, timber-culture, and other entries and locations ..	50	223.45	.....	.....	310.53
Original entries under the desert-land act ..	480	81,291.90	.....	.....	20,323.08
Final entries under the desert-land act ..	49	[10,070.28]	.....	.....	10,070.29
Homestead entries commuted to cash under section 2301, R. S.	10	[1,480.00]	.....	.....	2,050.00
Total cash sales	621	86,246.29	.....	.....	41,623.09
Original homestead entries	315	46,326.86	\$2,037.81	\$3,000.00	5,037.81
Final homestead entries	151	[22,144.60]	1,012.58	.....	1,012.58
Lands selected under grants to railroads ..	1,641	262,224.87	.....	3,282.00	3,282.00
Applications to purchase mineral lands ..	20	.....	.....	200.00	200.00
Applications to purchase timber and stone lands	7	.....	.....	70.00	70.00
Soldiers and sailors' homestead declaratory statements	4	.....	.....	12.00	12.00
Coal-land declaratory statements	1	.....	.....	3.00	3.00
Amount received for cancellation notices ..	.....	.....	.....	16.00	16.00
Amount received for reducing testimony to writing .....	.....	.....	.....	1,043.55	1,043.56
Total of all classes of entries and amount received therefrom	2,760	394,798.02	3,050.39	7,626.56	52,305.04
Salaries, fees, and commissions of register and receiver	6,000.00
Incidental expenses	4,250.00
Total	10,250.00

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Statement of the business transacted at the local land office, etc.—Continued.

MARYSVILLE, CAL.

Class of entry.	Num- ber.	Acres.	Commis- sions.	Fees.	Amount.
Sales of land at public auction	9	827.40			\$1,435.13
Sales of land by preemption entry	1	160.00			200.09
Sales of timber and stone lands	5	600.00			1,500.00
Sales of mineral lands	23	2,329.64			6,362.50
Excess payments on homestead, timber- culture, and other entries and locations ..	9	49.03			83.61
Homestead entries commuted to cash under section 2301, R. S.	4	[560.00]			1,000.00
Total cash sales	51	3,966.07			10,581.24
Original homestead entries	82	11,677.88	\$574.68	\$755.00	1,329.68
Final homestead entries	38	[5,151.26]	235.26		235.26
Lands selected under grants to railroads ..	3	312.61		6.00	6.00
State selections	16	3,193.71		32.00	32.00
Indian allotments	1	25.00			
Applications to purchase mineral lands ..	24			240.00	240.00
Applications to purchase timber and stone lands	5			50.00	50.00
Amount received for reducing testimony to writing				173.51	173.51
Total of all classes of entries and amount received therefrom	220	19,175.27	809.94	1,256.51	12,647.69
Salaries, fees, and commissions of register and receiver					2,524.01
Incidental expenses					342.66
Total					2,866.67

REDDING, CAL.

Sales of land at public auction	7	360.00			\$450.00
Sales of timber and stone lands	264	41,274.31			103,186.04
Sales of mineral lands	41	2,807.57			13,040.00
Excess payments on homestead, timber- culture, and other entries and locations ..	38	281.16			377.11
Homestead entries commuted to cash under section 2301, R. S.	9	[1,224.23]			1,530.28
Total cash sales	359	44,723.04			118,583.43
Original homestead entries	182	26,667.36	\$1,657.59	\$1,735.00	3,392.59
Final homestead entries	82	[11,554.67]	759.77		759.77
Lands selected under grants to railroads ..	408	64,605.47		816.00	816.00
State selections	96	13,419.62		192.00	192.00
Indian allotments	2	320.00			
Applications to purchase mineral lands ..	32			320.00	320.00
Applications to purchase timber and stone lands	263			2,630.00	2,630.00
Mineral protests, adverse claims	3			30.00	30.00
Coal-land declaratory statements	1			3.00	3.00
Amount received for reducing testimony to writing				767.80	767.80
Total of all classes of entries and amount received therefrom	1,428	149,735.49	2,417.36	6,493.80	127,494.59
Salaries, fees, and commissions of register and receiver					6,000.00
Incidental expenses					1,496.56
Expense of depositing public moneys					136.45
Total					7,633.01

Statement of the business transacted at the local land offices, etc.—Continued.

SACRAMENTO, CAL.

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land at public auction.....	4	160.00			\$200.00
Sales of timber and stone lands.....	35	5,398.47			13,496.68
Sales of mineral lands.....	33	2,349.71			7,707.50
Excess payments on homestead, timber-culture, and other entries and locations..	8	41.07			51.33
Original entries under the desert-land act..	2	80.00			20.00
Final entries under the desert-land act....	2	[80.00]			80.00
Homestead entries commuted to cash under section 2301, R. S.....	17	[2,537.78]			3,172.23
Total cash sales.....	101	8,029.25			24,727.74
Original homestead entries.....	143	19,647.39	\$775.52	\$1,295.00	2,070.52
Final homestead entries.....	58	[8,589.17]	414.14		414.14
Lands selected under grants to railroads...	43	6,752.62		86.00	86.00
State selections.....	18	2,029.02		36.00	36.00
Applications to purchase mineral lands....	30			300.00	300.00
Applications to purchase timber and stone lands.....	35			350.00	350.00
Mineral protests, adverse claims.....	1			10.00	10.00
Amount received for reducing testimony to writing.....				1,370.20	1,370.20
Total of all classes of entries and amount received therefrom.....	429	36,458.28	1,189.66	3,447.20	29,364.60
Salaries, fees, and commissions of register and receiver.....					4,836.40
Incidental expenses.....					971.95
Total.....					5,808.35

SAN FRANCISCO, CAL.

Sales of land at public auction.....	33	1,748.38			\$2,357.26
Sales of timber and stone lands.....	52	6,565.18			16,432.95
Sales of mineral lands.....	7	434.15			1,224.42
Excess payments on homestead, timber-culture, and other entries and locations..	61	271.33			339.81
Homestead entries commuted to cash under section 2301, R. S.....	37	[4,530.16]			5,462.73
Total cash sales.....	190	9,019.04			25,847.17
Original homestead entries.....	517	75,055.30	\$2,942.59	\$4,865.00	7,807.59
Final homestead entries.....	245	[35,676.06]	1,406.75		1,406.75
Final entries under the timber-culture laws.	1	[160.00]		4.00	4.00
Lands entered with Valentine scrip.....	1	40.00		1.00	1.00
Lands selected under grants to railroads...	42	6,613.88		84.00	84.00
State selections.....	126	13,755.11		252.00	252.00
Applications to purchase mineral lands....	5			50.00	50.00
Applications to purchase timber and stone lands.....	52			520.00	520.00
Coal-land declaratory statements.....	2			6.00	6.00
Amount received for reducing testimony to writing.....				791.61	791.61
Total of all classes of entries and amount received therefrom.....	1,181	104,483.33	4,349.34	6,573.61	36,770.12
Salaries, fees, and commissions of register and receiver.....					6,000.00
Incidental expenses.....					2,250.17
Total.....					8,250.17

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Statement of the business transacted at the local land offices, etc.—Continued.

STOCKTON, CAL.

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Sales of land at public auction.....	6	240.00			\$350.00
Sales of timber and stone lands.....	9	961.18			2,402.95
Sales of mineral lands.....	24	684.27			2,970.00
Excess payments on homestead, timber-culture, and other entries and locations.....	19	71.90			89.89
Homestead entries commuted to cash under section 2301, R. S.....	12	[1,458.79]			1,823.49
Total cash sales.....	70	1,957.35			7,636.33
Original homestead entries.....	181	26,607.77	\$1,008.29	\$1,730.00	2,738.29
Final homestead entries.....	62	[9,320.22]	349.52		349.52
Final entries under the timber-culture laws.....	1	[80.00]		4.00	4.00
State selections.....	2	120.00		4.00	4.00
Indian allotments.....	9	1,278.93			
Applications to purchase mineral lands.....	26			260.00	260.00
Applications to purchase timber and stone lands.....	9			90.00	90.00
Mineral protests, adverse claims.....	1			10.00	10.00
Amount received for reducing testimony to writing.....				1,373.44	1,373.44
Total of all classes of entries and amount received therefrom.....	361	29,964.05	1,357.81	3,471.44	12,465.58
Salaries, fees, and commissions of register and receiver.....					4,299.86
Incidental expenses.....					9.04
Expense of depositing public moneys.....					19.65
Total.....					4,328.55

SUSANVILLE, CAL.

Sales of timber and stone lands.....	55	7,576.36			\$18,940.95
Sales of mineral lands.....	5	490.00			1,225.00
Excess payments on homestead, timber-culture, and other entries and locations.....	45	175.92			420.74
Original entries under the desert land act.....	43	8,760.45			2,190.16
Final entries under the desert land act.....	6	[787.04]			787.04
Homestead entries commuted to cash under section 2301, R. S.....	8	[1,159.56]			1,449.45
Total cash sales.....	162	17,002.73			25,013.34
Original homestead entries.....	78	12,042.92	\$451.60	\$765.00	1,216.60
Final homestead entries.....	38	[5,450.89]	219.26		219.26
State selections.....	268	37,137.00		536.00	536.00
Indian allotments.....	1	160.90			
Applications to purchase mineral lands.....	3			30.00	30.00
Applications to purchase timber and stone lands.....	52			520.00	520.00
Coal land declaratory statements.....	1			3.00	3.00
Amount received for cancellation notices.....				7.00	7.00
Amount received for reducing testimony to writing.....				1,850.57	1,850.57
Total of all classes of entries and amount received therefrom.....	603	66,343.55	670.86	3,711.57	29,395.77
Salaries, fees and commissions of register and receiver.....					5,123.69
Incidental expenses.....					2,478.07
Total.....					7,601.76

Statement of the business transacted at the local land offices, etc.—Continued.

VISALIA, CAL.

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Sales of land at public auction.....	3	200.00	.....	.....	\$350.00
Sales of timber and stone lands.....	4	480.00	.....	.....	1,200.00
Sales of mineral lands.....	12	1,800.37	.....	.....	4,607.78
Excess payments on homestead, timber-culture, and other entries and locations.	38	253.80	.....	.....	465.90
Original entries under the desert land act..	10	1,913.00	.....	.....	478.25
Final entries under the desert land act....	1	[80.00]	.....	.....	80.00
Homestead entries commuted to cash under section 2301, R. S.....	6	[760.00]	.....	.....	1,550.00
Total cash sales.....	74	4,647.17	.....	.....	8,731.93
Original homestead entries.....	142	21,621.17	\$1,110.96	\$1,370.00	2,480.96
Final homestead entries.....	41	[6,144.99]	302.50	.....	302.50
Final entries under the timber-culture laws.	2	[291.42]	.....	8.00	8.00
Lands selected under grants to railroads...	43	6,749.17	.....	86.00	86.00
State selections.....	8	1,280.00	.....	16.00	16.00
Applications to purchase mineral lands.....	19	.....	.....	190.00	190.00
Applications to purchase timber and stone lands.....	4	.....	.....	40.00	40.00
Mineral protests, adverse claims.....	4	.....	.....	40.00	40.00
Amount received for cancellation notices.....	.....	.....	.....	6.00	6.00
Amount received for reducing testimony to writing.....	.....	.....	.....	665.33	665.33
Total of all classes of entries and amounts received therefrom.....	337	34,297.51	1,413.46	2,421.33	12,566.72
Salaries, fees, and commissions of register and receiver.....	.....	.....	.....	.....	3,639.40
Incidental expenses.....	.....	.....	.....	.....	390.72
Expense of depositing public moneys.....	.....	.....	.....	.....	4.20
Total.....	.....	.....	.....	.....	4,034.32

AKRON, COLO.

Sales of land at public auction.....	2	88.53	.....	.....	\$110.67
Excess payments on homestead, timber-culture, and other entries and locations.	16	35.25	.....	.....	44.07
Original entries under the desert land act..	5	1,120.52	.....	.....	280.13
Final entries under the desert land act....	1	[80.00]	.....	.....	80.00
Homestead entries commuted to cash under section 2301, R. S.....	7	[1,117.04]	.....	.....	1,396.30
Total cash sales.....	31	1,244.30	.....	.....	1,911.17
Original homestead entries.....	186	28,591.35	\$1,075.23	\$1,800.00	2,875.23
Final homestead entries.....	48	[7,477.48]	280.44	.....	280.44
Final entries under the timber-culture laws.	64	[10,196.21]	.....	256.00	256.00
Lands selected under grants to railroads...	49	7,695.94	.....	98.00	98.00
Soldiers and sailors' homestead declaratory statements.....	1	.....	.....	3.00	3.00
Reservoir declaratory statements.....	22	.....	.....	66.00	66.00
Amount received for cancellation notices.....	.....	.....	.....	4.00	4.00
Amount received for reducing testimony to writing.....	.....	.....	.....	481.90	481.90
Total of all classes of entries and amount received therefrom.....	401	37,531.59	1,355.67	2,708.90	5,975.74
Salaries, fees, and commissions of register and receiver.....	.....	.....	.....	.....	3,302.78
Incidental expenses.....	233.16
Expense of depositing public moneys.....	5.20
Total.....	3,541.14

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Statement of the business transacted at the local land offices, etc.—Continued.

DEL NORTE, COLO.

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Sales of land at public auction	3	199.29	.....	.....	\$249.13
Sales of timber and stone lands	7	640.00	.....	.....	1,600.00
Sales of mineral lands	30	660.06	.....	.....	3,381.27
Excess payments on homestead, timber-culture, and other entries and locations..	8	23.84	.....	.....	29.81
Original entries under the desert land act.	12	2,919.75	.....	.....	729.94
Final entries under the desert land act ..	5	[1,043.31]	.....	.....	1,043.31
Homestead entries commuted to cash under section 2301, R. S.	11	[1,098.20]	.....	.....	1,372.75
Total cash sales.....	76	4,442.94	.....	.....	8,406.21
Original homestead entries.....	76	11,225.37	\$421.35	\$720.00	1,141.35
Final homestead entries.....	31	[4,488.14]	168.68	.....	168.68
Final entries under the timber-culture laws	5	[800.00]	.....	20.00	20.00
Applications to purchase mineral lands.....	19	.....	.....	190.00	190.00
Applications to purchase timber and stone lands	17	.....	.....	170.00	170.00
Mineral protests, adverse claims	1	.....	.....	10.00	10.00
Amount received for reducing testimony to writing .....	.....	.....	.....	123.24	123.24
Total of all classes of entries and amount received therefrom	225	15,668.31	590.03	1,233.24	10,229.48
Salaries, fees, and commissions of register and receiver.....	.....	.....	.....	.....	2,271.40
Incidental expenses.....	.....	.....	.....	.....	402.79
Expense of depositing public moneys.....	.....	.....	.....	.....	1.10
Total .....	.....	.....	.....	.....	2,675.29

DENVER, COLO.

Sales of land at public auction	28	1,735.92	.....	.....	\$2,531.94
Sales of timber and stone lands	114	15,788.72	.....	.....	39,471.93
Sales of mineral lands	278	4,616.72	.....	.....	18,977.50
Excess payments on homestead, timber-culture, and other entries and locations..	56	204.67	.....	.....	342.87
Original entries under the desert land act.	130	24,152.59	.....	.....	6,038.46
Final entries under the desert land act ..	32	[6,319.07]	.....	.....	6,319.05
Homestead entries commuted to cash under section 2301, R. S.	29	[4,320.00]	.....	.....	5,700.00
Total cash sales.....	667	46,498.62	.....	.....	79,381.75
Original homestead entries.....	579	86,359.41	\$4,307.23	\$5,510.00	9,817.23
Final homestead entries.....	227	[33,280.37]	1,638.27	.....	1,638.27
Final entries under the timber-culture laws.	10	[1,560.00]	.....	40.00	40.00
Lands selected under grants to railroads.....	7	1,092.56	.....	14.00	14.00
State selections	4	560.00	.....	8.00	8.00
Applications to purchase mineral lands	254	.....	.....	2,540.00	2,540.00
Applications to purchase timber and stone lands	114	.....	.....	1,140.00	1,140.00
Mineral protests, adverse claims	39	.....	.....	390.00	390.00
Soldiers and sailors' homestead declaratory statements.....	1	.....	.....	3.00	3.00
Coal land declaratory statements	101	.....	.....	303.00	303.00
Reservoir declaratory statements	2	.....	.....	6.00	6.00
Amount received for cancellation notices.....	.....	.....	.....	75.00	75.00
Amount received for reducing testimony to writing .....	.....	.....	.....	994.85	994.85
Total of all classes of entries and amount received therefrom	2,005	134,510.59	5,945.50	11,023.85	96,351.10
Salaries, fees, and commissions of register and receiver.....	.....	.....	.....	.....	6,000.00
Incidental expenses.....	.....	.....	.....	.....	2,539.40
Total .....	.....	.....	.....	.....	8,539.40

Statement of the business transacted at the local land offices, etc.—Continued.

DURANGO, COLO.

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of timber and stone lands	78	10,474.51	.....	.....	\$26,186.29
Sales of mineral lands	114	2,484.88	.....	.....	12,192.50
Excess payments on homestead, timber-culture, and other entries and locations.	6	37.36	.....	.....	46.70
Original entries under the desert-land act.	4	291.98	.....	.....	73.00
Final entries under the desert-land act	2	[200.00]	.....	.....	200.00
Homestead entries commuted to cash under section 2301, R. S.	18	[2,394.64]	.....	.....	2,993.30
Total cash sales	222	13,288.73	.....	.....	41,691.79
Original homestead entries	103	14,513.23	\$544.29	\$935.00	1,479.29
Final homestead entries	44	[5,578.10]	208.21	.....	208.21
Original homestead entries, Ute	51	6,571.13	246.43	425.00	671.43
Final homestead entries, Ute	2	[160.00]	6.00	.....	6.00
Original homestead entries, Southern Ute ..	39	5,475.37	202.31	350.00	552.31
Final homestead entries, Southern Ute	10	[1,282.64]	48.10	.....	48.10
Commissions on commuted homesteads, Ute Indian lands .....	.....	.....	24.60	.....	24.60
Applications to purchase mineral lands	135	.....	.....	1,350.00	1,350.00
Applications to purchase timber and stone lands	93	.....	.....	930.00	930.00
Mineral protests, adverse claims	15	.....	.....	150.00	150.00
Coal land declaratory statements	31	.....	.....	93.00	93.00
Amount received for cancellation notices ..	.....	.....	.....	4.00	4.00
Amount received for reducing testimony to writing .....	.....	.....	.....	697.93	697.93
Total of all classes of entries and amount received therefrom	745	39,848.46	1,279.94	4,934.93	47,906.66
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	6,000.00
Incidental expenses .....	.....	.....	.....	.....	1,433.98
Total .....	.....	.....	.....	.....	7,433.98
Cash sales of Southern Ute lands:	.....	.....	.....	.....	.....
Timber and stone	15	2,081.69	.....	.....	5,204.23
Original desert	52	9,203.46	.....	.....	2,300.89
Final desert	11	[2,215.00]	.....	.....	2,215.00
Homestead entries commuted to cash ..	12	[1,440.00]	.....	.....	1,780.00
Excesses on homestead entries, etc	3	1.12	.....	.....	1.41
Cash substitution	1	[80.00]	.....	.....	100.00
Excesses on homestead entry under act July 28, 1882	94 { 1	{ [3,735.00] [11,286.27]	{	{	{ 11,601.53 4.63
Total	95 { 8	{ [3,735.00] [11,289.97]	{	{	{ 11,606.16

GLENWOOD SPRINGS, COLO.

Sales of land at public auction	1	40.00	.....	.....	\$52.00
Sales of timber and stone lands	39	4,989.18	.....	.....	12,472.97
Sales of mineral lands	4	28.44	.....	.....	150.00
Sales of coal lands	86	17,175.13	.....	.....	171,751.30
Excess payments on homestead, timber-culture, and other entries and locations ..	28	92.33	.....	.....	116.49
Original entries under the desert-land act ..	117	17,036.69	.....	.....	4,259.25
Final entries under the desert-land act ..	7	[1,254.22]	.....	.....	1,251.22
Homestead entries commuted to cash under section 2301, R. S.	18	[2,638.63]	.....	.....	3,298.29
Total cash sales	300	39,361.77	.....	.....	193,351.52
Original homestead entries	286	43,584.88	\$1,634.52	\$2,775.00	4,409.52
Final homestead entries	31	[4,876.64]	182.88	.....	182.88
Original homestead entries, Ute Indian lands	86	13,047.22	489.26	835.00	1,324.26
Final homestead entries, Ute Indian lands ..	4	[640.00]	24.00	.....	24.00
Commissions on commuted homesteads, Ute Indian lands .....	.....	.....	6.00	.....	6.00
State selections	237	37,825.47	.....	474.00	474.00
Applications to purchase mineral lands	8	.....	.....	80.00	80.00

Statement of the business transacted at the local land offices, etc.—Continued.

GREENWOOD SPRINGS, COLO.—Continued.

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Applications to purchase timber and stone lands	47	.....	.....	\$470. 00	\$470. 00
Preemption declaratory statements	81	.....	.....	243. 00	243. 00
Soldiers' and sailors' homestead declaratory statements	2	.....	.....	6. 00	6. 00
Coal land declaratory statements	702	.....	.....	2, 106. 00	2, 106. 00
Amount received for cancellation notices .....	.....	.....	.....	1. 00	1. 00
Amount received for reducing testimony to writing .....	.....	.....	.....	1, 804. 28	1, 804. 28
Total of all classes of entries and amount received therefrom	1, 784	133, 819. 34	\$2, 336. 66	8, 794. 28	204, 482. 46
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	6, 000. 00
Incidental expenses .....	.....	.....	.....	.....	2, 296. 39
Expense of depositing public moneys .....	.....	.....	.....	.....	85. 40
Total .....	.....	.....	.....	.....	8, 381. 79
Cash sales, Ute Indian lands:	.....	.....	.....	.....	.....
Preemptions	28	3, 760. 71	.....	.....	4, 700. 92
Timber and stone	8	840. 00	.....	.....	2, 100. 00
Mineral	4	87. 52	.....	.....	445. 00
Original desert	53	7, 003. 63	.....	.....	1, 750. 93
Final desert	29	[3, 038. 61]	.....	.....	3, 038. 61
Homestead commuted to cash	1	[160. 00]	.....	.....	200. 00
Excesses on homesteads, etc	7	13. 02	.....	.....	16. 30
Coal	2	80. 00	.....	.....	1, 200. 00
Total	132	{ [3, 198. 61] [11, 784. 88] }	.....	.....	13, 451. 76

GUNNISON, COLO.

Sales of timber and stone lands	2	240. 00	.....	.....	\$600. 00
Sales of mineral lands	27	665. 01	.....	.....	3, 275. 00
Original entries under the desert-land act	13	979. 19	.....	.....	244. 80
Final entries under the desert-land act	7	[1, 121. 51]	.....	.....	1, 121. 51
Homestead entries commuted to cash under section 2301, R. S.	1	[80. 00]	.....	.....	100. 00
Total cash sales	50	1, 884. 20	.....	.....	5, 341. 31
Original homestead entries	21	2, 996. 92	\$112. 38	\$190. 00	302. 38
Final homestead entries	6	[837. 59]	31. 41	.....	31. 41
Original homestead entries, Ute Indian lands	21	3, 280. 00	123. 00	205. 00	328. 00
Applications to purchase mineral lands	46	.....	.....	460. 00	460. 00
Applications to purchase timber and stone lands	10	.....	.....	100. 00	100. 00
Mineral protests, adverse claims	14	.....	.....	140. 00	140. 00
Preemption declaratory statements	16	.....	.....	48. 00	48. 00
Coal land declaratory statements	80	.....	.....	240. 00	240. 00
Amounts received for reducing testimony to writing .....	.....	.....	.....	197. 46	197. 46
Total of all classes of entries and amounts received therefrom	264	8, 161. 12	266. 79	1, 580. 46	7, 188. 56
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	2, 676. 60
Incidental expenses .....	.....	.....	.....	.....	155. 60
Expense of depositing public moneys .....	.....	.....	.....	.....	6. 15
Total .....	.....	.....	.....	.....	2, 838. 35
Cash sales, Ute Indian lands:	.....	.....	.....	.....	.....
Preemption	6	920. 00	.....	.....	1, 150. 00
Timber and stone	8	920. 00	.....	.....	2, 300. 00
Mineral	6	327. 98	.....	.....	1, 417. 50
Original desert	12	2, 600. 00	.....	.....	650. 00
Final desert	4	[360. 00]	.....	.....	360. 00
Excesses on homestead entries, etc	2	. 40	.....	.....	. 50
Total	38	{ [360. 00] 4, 768. 38 }	.....	.....	5, 878. 00

Statement of the business transacted at the local land offices, etc.—Continued.

HUGO, COLO.

Class of entry.	Num- ber.	Acres.	Commis- sions.	Fees.	Amount.
Excess payments on homestead, timber- culture, and other entries and locations	8	16.56	.....	.....	\$38.87
Original entries under the desert-land act	5	882.05	.....	.....	220.51
Final entries under the desert-land act	1	[160.00]	.....	.....	160.00
Total cash sales	14	898.61	.....	.....	419.38
Original homestead entries	140	22,202.75	\$1,432.30	\$1,390.00	2,822.30
Final homestead entries	11	[1,679.84]	99.00	.....	99.00
Final entries under the timber-culture laws	7	[1,120.00]	.....	28.00	28.00
Lands selected under grants to railroads	4,674	747,370.62	.....	9,348.00	9,348.00
Soldiers' and sailors' homestead declara- tory statements	2	.....	.....	6.00	6.00
Amount received for cancellation notices	.....	.....	.....	2.00	2.00
Amount received for reducing testimony to writing	.....	.....	.....	77.10	77.10
Total of all classes of entries and amount received therefrom	4,848	770,471.98	1,531.30	10,851.10	12,801.78
Salaries, fees, and commissions of register and receiver	.....	.....	.....	.....	6,000.00
Incidental expenses	.....	.....	.....	.....	185.62
Total	.....	.....	.....	.....	6,185.62

LAMAR, COLO.

Sales of land at public auction	2	56.90	.....	.....	\$71.97
Sales of timber and stone lands	2	188.96	.....	.....	472.40
Excess payments on homestead, timber- culture, and other entries and loca- tions	15	46.53	.....	.....	58.15
Original entries under the desert-land act	11	1,440.25	.....	.....	360.07
Final entries under the desert-land act	3	[255.08]	.....	.....	255.08
Homestead entries commuted to cash under section 2301, R. S	11	[1,656.44]	.....	.....	2,070.55
Total cash sales	44	1,732.64	.....	.....	3,288.22
Original homestead entries	143	21,668.91	\$819.60	\$1,375.00	2,194.60
Final homestead entries	32	[4,307.47]	160.71	.....	160.71
Final entries under the timber-culture laws	14	[2,228.16]	.....	56.00	56.00
Lands selected under grants to railroads	1,457	232,717.13	.....	2,914.00	2,914.00
State selections	4	640.00	.....	8.00	8.00
Applications to purchase timber and stone lands	2	.....	.....	20.00	20.00
Amount received for cancellation notices	.....	.....	.....	82.00	82.00
Amount received for reducing testimony to writing	.....	.....	.....	206.61	206.61
Total of all classes of entries and amount received therefrom	1,696	256,758.68	980.31	4,661.61	8,930.14
Salaries, fees, and commissions of register and receiver	.....	.....	.....	.....	5,362.66
Incidental expenses	.....	.....	.....	.....	237.48
Total	.....	.....	.....	.....	5,600.14

Statement of the business transacted at the local land offices, etc.—Continued.

LEADVILLE, COLO.

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land at public auction.....	1	20.00			\$25.00
Sales of timber and stone lands.....	7	730.24			1,825.60
Sales of mineral lands.....	127	4,592.24			18,707.50
Sales of land under act Sept. 30, 1890 (20 Stats., 502).....	1	51.55			64.45
Original entries under the desert-land act.....	1	160.00			40.00
Total cash sales.....	137	5,554.03			20,662.55
Original homestead entries.....	21	2,800.00	\$105.00	\$185.00	290.00
Final homestead entries.....	17	[2,680.00]	100.50		100.50
Applications to purchase mineral lands.....	100			1,000.00	1,000.00
Applications to purchase timber and stone lands.....	7			70.00	70.00
Mineral protests, adverse claims.....	6			60.00	60.00
Amount received for reducing testimony to writing.....				153.10	153.10
Total of all classes of entries and amount received therefrom.....	288	8,354.03	205.50	1,468.10	22,336.15
Salaries, fees, and commissions of register and receiver.....					2,901.85
Incidental expenses.....					1,488.86
Expense of depositing public moneys.....					19.30
Total.....					4,410.01

MONTROSE, COLO.

Sales of land at public auction.....	1	40.00			\$100.00
Sales of timber and stone lands.....	19	2,393.40			5,983.50
Sales of mineral lands.....	51	790.50			3,735.00
Excess payments on homestead, timber-culture, and other entries and locations.	2	8.88			11.10
Original entries under the desert-land act.	1	315.12			78.78
Homestead entries commuted to cash under section 2301, R. S.....	3	[479.54]			599.43
Additional payment.....		.30			.38
Total cash sales.....	57	3,548.20			10,508.19
Original homestead entries.....	50	7,272.12	\$273.16	\$470.00	743.16
Final homestead entries.....	24	[3,680.00]	138.00		138.00
Original homestead entries, Ute lands.....	210	27,546.93	1,035.44	1,835.00	2,870.44
Final homestead entries, Ute lands.....	1	[160.00]	6.00		6.00
Applications to purchase mineral lands.....	40			400.00	400.00
Applications to purchase timber and stone lands.....	54			540.00	540.00
Mineral protests, adverse claims.....	2			20.00	20.00
Preemption declaratory statements.....	103			309.00	309.00
Coal land declaratory statements.....	73			219.00	219.00
Reservoir declaratory statements.....	1			3.00	3.00
Amount received for reducing testimony to writing.....				792.39	792.39
Total of all classes of entries and amount received therefrom.....	615	38,367.25	1,452.60	4,588.39	16,549.18
Salaries, fees, and commissions of register and receiver.....					5,534.56
Incidental expenses.....					1,316.47
Total.....					6,851.03
Cash sales, Ute Indian lands:					
Preemptions.....	48	6,400.36			8,000.49
Timber and stone.....	35	3,885.28			9,712.89
Original desert.....	97	11,370.10			2,842.49
Final desert.....	35	[4,849.36]			4,849.36
Excesses on homestead entries, etc.....	7	13.53			16.93
Coal.....	5	200.00			4,000.60
Total.....	227	{ [4,849.36] 21,869.27 }			29,422.16

Statement of the business transacted at the local land offices, etc.—Continued.

PUEBLO, COLO.

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Sales of land at public auction.....	18	928.34			\$1,226.42
Sales of timber and stone lands.....	70	8,168.22			20,420.84
Sales of mineral lands.....	79	1,527.57			7,495.00
Sales of coal lands.....	11	1,240.00			24,800.00
Excess payments on homestead, timber-culture, and other entries and locations.....	68	212.81			265.99
Original entries under the desert-land act.....	104	20,566.79			5,141.68
Final entries under the desert-land act.....	16	[2,779.94]			2,779.94
Homestead entries commuted to cash under section 2301, R. S.....	42	[6,041.39]			7,551.74
Total cash sales.....	408	32,643.73			69,681.31
Original homestead entries.....	672	101,328.83	\$3,841.84	\$6,455.00	10,296.84
Final homestead entries.....	225	[31,870.82]	1,201.01		1,201.01
Final entries under the timber-culture laws.....	6	[960.00]		24.00	24.00
Lands selected under grants to railroads.....	71	11,338.90		142.00	142.00
State selections.....	77	12,009.75		154.00	154.00
Applications to purchase mineral lands.....	60			600.00	600.00
Applications to purchase timber and stone lands.....	70			700.00	700.00
Mineral protests, adverse claims.....	15			150.00	150.00
Soldiers' and sailors' homestead declaratory statements.....	2			6.00	6.00
Coal land declaratory statements.....	71			213.00	213.00
Reservoir declaratory statements.....	1			3.00	3.00
Amount received for cancellation notices.....				33.00	33.00
Amount received for reducing testimony to writing.....				1,307.03	1,307.03
Total of all classes of entries and amount received therefrom.....	1,678	157,321.21	5,042.85	9,787.03	84,511.19
Salaries, fees, and commissions of register and receiver.....					6,000.00
Incidental expenses.....					4,744.50
Total.....					10,744.50

STERLING, COLO.

Sales of land at public auction.....	3	159.07			\$242.84
Excess payments on homestead, timber-culture, and other entries and locations.....	11	12.92			23.11
Original entries under the desert-land act.....	9	875.49			218.87
Final entries under the desert-land act.....	1	[80.00]			80.00
Homestead entries commuted to cash under section 2301, R. S.....	13	[1,811.18]			2,263.97
Total cash sales.....	37	1,047.48			2,828.79
Original homestead entries.....	141	21,570.59	\$952.32	\$1,365.00	2,317.32
Final homestead entries.....	26	[3,679.60]	153.00		153.00
Final entries under the timber-culture laws.....	1	[160.00]		4.00	4.00
State selections.....	41	6,474.66		82.00	82.00
Reservoir declaratory statements.....	14			42.00	42.00
Amount received for cancellation notices.....				139.00	139.00
Amount received for reducing testimony to writing.....				289.70	289.70
Total of all classes of entries and amount received therefrom.....	260	29,092.73	1,105.32	1,921.70	5,855.81
Salaries, fees, and commissions of register and receiver.....					2,718.58
Incidental expenses.....					404.80
Expense of depositing public moneys.....					5.10
Total.....					3,128.48

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Statement of the business transacted at the local land offices, etc.—Continued.

GAINESVILLE, FLA.

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Sales of lands at private entry	2	159.95	.....	.....	\$199.94
Sales of lands at public auction	3	160.08	.....	.....	210.50
Sales of timber and stone lands	26	2,613.42	.....	.....	6,533.58
Sales of abandoned military reservations, under acts Aug. 23, 1894, and Feb. 15, 1895..	11	[1,475.89]	.....	.....	1,022.09
Excess payments on homestead, timber- culture, and other entries and locations..	660	552.58	.....	.....	692.56
Homestead entries commuted to cash un- der section 2301, R. S.	145	[17,914.89]	.....	.....	22,393.47
Supplemental payment	1	.....	.....	.....	1.25
Total cash sales	848	3,486.03	.....	.....	31,053.39
Original homestead entries	1,913	247,451.72	\$6,191.37	\$16,485.00	22,676.37
Final homestead entries	464	[53,556.94]	1,339.87	.....	1,339.87
Lands entered with military bounty land warrants	1	160.00	.....	4.00	4.00
State selections	19	1,814.78	.....	38.00	38.00
Applications to purchase timber and stone lands	26	.....	.....	260.00	260.00
Soldiers' and sailors' homestead declara- tory statements	1	.....	.....	2.00	2.00
Amount received for cancellation notices ..	.....	.....	.....	22.00	22.00
Amount received for reducing testimony to writing .....	.....	.....	.....	1,129.16	1,129.16
Total of all classes of entries and amount received therefrom	3,272	252,912.53	7,531.24	17,940.16	56,524.79
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	6,000.00
Incidental expenses .....	.....	.....	.....	.....	4,996.60
Expense of depositing public moneys .....	.....	.....	.....	.....	24.25
Total .....	.....	.....	.....	.....	11,020.85

BLACKFOOT, IDAHO.

Sales of land at public auction	7	272.79	.....	.....	\$340.99
Sales of timber and stone lands	16	1,930.45	.....	.....	4,826.15
Sales of abandoned military reservations, payments on Fort Hall ceded Indian lands	49	[5,297.77]	.....	.....	3,233.87
Excess payments on homestead, timber- culture and other entries and locations..	41	128.11	.....	.....	160.42
Original entries under the desert-land act..	213	28,346.16	.....	.....	7,086.78
Final entries under the desert-land act....	114	[16,307.62]	.....	.....	16,307.62
Homestead entries commuted to cash un- der section 2301, R. S.	28	[3,836.88]	.....	.....	4,876.45
Total cash sales	468	30,677.51	.....	.....	36,832.28
Original homestead entries	476	63,305.77	\$2,357.74	\$4,120.00	6,477.74
Final homestead entries	325	[48,085.64]	1,808.83	.....	1,808.83
Commissions on commuted lands, Fort Hall Indian Reservation lands .....	.....	.....	43.50	.....	43.50
State selections	56	8,707.88	.....	112.00	112.00
Applications to purchase timber and stone lands	16	.....	.....	160.00	160.00
Coal land declaratory statements	2	.....	.....	6.00	6.00
Reservoir declaratory statements	2	.....	.....	6.00	6.00
Amount received for reducing testimony to writing .....	.....	.....	.....	961.57	961.57
Total of all classes of entries and amount received therefrom	1,345	102,691.16	4,210.07	5,365.57	46,407.92
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	6,000.00
Incidental expenses .....	.....	.....	.....	.....	2,480.70
Expense of depositing public moneys .....	.....	.....	.....	.....	9.10
Total .....	.....	.....	.....	.....	8,489.80
Cash sales—Shoshone and Bannock Indian lands:	.....	.....	.....	.....	.....
Town lots—Pocatello	7	.....	.....	.....	70.00

Statement of the business transacted at the local land offices, etc.—Continued.

BOISE CITY, IDAHO.

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land at public auction	2	40.13	.....	.....	\$50.16
Sales of timber and stone lands	459	67,751.96	.....	.....	169,379.89
Sales of mineral lands	19	1,638.82	.....	.....	6,085.00
Excess payments on homestead, timber-culture, and other entries and locations	64	392.18	.....	.....	490.25
Original entries under the desert-land act	160	26,268.68	.....	.....	6,567.29
Final entries under the desert-land act	42	[6,686.98]	.....	.....	6,695.00
Homestead entries commuted to cash under section 2301, R. S.	64	[8,258.47]	.....	.....	10,323.10
Total cash sales	810	96,091.77	.....	.....	199,590.69
Original homestead entries	854	120,591.56	\$4,521.76	\$7,785.00	12,306.76
Final homestead entries	116	[16,273.27]	610.26	.....	610.26
Final entries under the timber-culture laws	1	[160.00]	.....	4.00	4.00
Lands selected under grants to railroads	18	2,640.00	.....	86.00	36.00
State selections	74	11,731.97	.....	148.00	148.00
Applications to purchase mineral lands	17	.....	.....	170.00	170.00
Applications to purchase timber and stone lands	459	.....	.....	4,590.00	4,590.00
Soldiers' and sailors' homestead declaratory statements	3	.....	.....	9.00	9.00
Coal land declaratory statements	8	.....	.....	24.00	24.00
Amount received for cancellation notices .....	.....	.....	.....	12.00	12.00
Amount received for reducing testimony to writing .....	.....	.....	.....	1,601.70	1,601.70
Total of all classes of entries and amount received therefrom	2,360	231,055.30	5,132.02	14,379.70	219,102.41
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	6,000.00
Incidental expenses .....	.....	.....	.....	.....	3,188.14
Total .....	.....	.....	.....	.....	9,188.14

COUER D'ALENE, IDAHO.

Sales of land at public auction	3	74.00	.....	.....	\$211.75
Sales of timber and stone lands	328	43,703.99	.....	.....	109,260.05
Sales of mineral lands	37	1,456.23	.....	.....	6,610.00
Excess payments on homestead, timber-culture, and other entries and locations	58	258.19	.....	.....	505.08
Homestead entries commuted to cash under section 2301, R. S.	82	[11,356.35]	.....	.....	18,751.55
Total cash sales	508	45,492.41	.....	.....	135,338.43
Original homestead entries	495	65,000.05	\$4,198.35	\$4,285.00	8,483.35
Final homestead entries	151	[22,160.93]	1,586.75	.....	1,586.75
Commissions on commuted Indian lands .....	.....	.....	328.80	.....	328.80
Lands selected under grants to railroads	217	33,788.72	.....	434.00	434.00
State selections	86	12,861.64	.....	172.00	172.00
Indian allotments	4	330.77	.....	.....	.....
Applications to purchase mineral lands	36	.....	.....	360.00	360.00
Applications to purchase timber and stone lands	326	.....	.....	3,260.00	3,260.00
Mineral protests, adverse claims	1	.....	.....	10.00	10.00
Soldiers' and sailors' homestead declaratory statements	1	.....	.....	3.00	3.00
Amount received for cancellation notices .....	.....	.....	.....	46.00	46.00
Amount received for reducing testimony to writing .....	.....	.....	.....	1,155.10	1,155.10
Total of all classes of entries and amount received therefrom	1,825	157,473.59	6,113.90	9,725.10	151,177.43
Salaries, fees, and commissions of register and receiver	6,000.00
Incidental expenses	2,570.46
Total	8,570.46

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Statement of the business transacted at the local land offices, etc.—Continued.

HAILEY, IDAHO.

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Sales of land at public auction	3	120.00	.....	.....	\$150.00
Sales of timber and stone lands	3	240.00	.....	.....	600.00
Sales of mineral lands	12	512.76	.....	.....	1,855.00
Excess payments on homestead, timber-culture, and other entries and locations	14	83.55	.....	.....	104.44
Original entries under the desert land act	91	13,674.74	.....	.....	3,418.77
Final entries under the desert land act	34	[3,105.65]	.....	.....	3,105.65
Homestead entries commuted to cash under section 2301, R. S.	11	[1,240.00]	.....	.....	1,550.00
Total cash sales	168	14,631.05	.....	.....	10,783.86
Original homestead entries	402	52,494.16	\$1,968.39	\$3,420.00	5,388.39
Final homestead entries	65	[9,071.03]	340.15	.....	340.15
Final entries under the timber-culture laws	2	[240.00]	.....	8.00	8.00
State selections	104	16,612.93	.....	208.00	208.00
Applications to purchase mineral lands	10	.....	.....	100.00	100.00
Applications to purchase timber and stone lands	3	.....	.....	30.00	30.00
Mineral protests, adverse claims	1	.....	.....	10.00	10.00
Amount received for reducing testimony to writing .....	.....	.....	.....	83.00	83.00
Total of all classes of entries and amount received therefrom	755	83,738.14	2,308.54	3,859.00	16,951.40
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	3,963.22
Incidental expenses .....	.....	.....	.....	.....	327.92
Expense of depositing public moneys .....	.....	.....	.....	.....	40.70
Total .....	.....	.....	.....	.....	4,331.84

LEWISTON, IDAHO.

Sales of land at public auction	4	129.71	.....	.....	\$162.14
Sales of timber and stone lands	216	27,345.29	.....	.....	68,813.19
Sales of mineral lands	14	993.79	.....	.....	4,270.00
Sale of town site	1	60.00	.....	.....	225.00
Supplemental payment	1	.71	.....	.....	2.66
Excess payments on homestead, timber-culture, and other entries and locations	50	230.03	.....	.....	287.51
Original entries under the desert land act	5	862.28	.....	.....	215.57
Homestead entries commuted to cash under section 2301, R. S.	64	[7,676.20]	.....	.....	11,445.99
Total cash sales	355	29,621.81	.....	.....	85,422.06
Original homestead entries	901	119,383.44	\$4,466.07	\$7,865.00	12,331.07
Final homestead entries	464	[64,728.23]	2,427.62	.....	2,427.62
Commissions on commuted homesteads—Nez Percé Reservation .....	.....	.....	42.76	.....	42.76
Lands selected under grants to railroads	69	10,840.00	.....	138.00	138.00
State selections	762	120,951.29	.....	1,312.00	1,312.00
Applications to purchase mineral lands	8	.....	.....	80.00	80.00
Applications to purchase timber and stone lands	216	.....	.....	2,160.00	2,160.00
Coal land declaratory statements	4	.....	.....	12.00	12.00
Town site declaratory statements	1	.....	.....	3.00	3.00
Amount received for cancellation notices .....	.....	.....	.....	3.00	3.00
Amount received for reducing testimony to writing .....	.....	.....	.....	1,079.70	1,079.70
Total of all classes of entries and amount received therefrom	2,780	280,796.54	6,936.45	12,652.70	105,011.21
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	6,000.00
Incidental expenses .....	.....	.....	.....	.....	3,448.48
Expense of depositing public moneys .....	.....	.....	.....	.....	133.95
Total .....	.....	.....	.....	.....	9,582.43

REPORT OF COMMISSIONER OF GENERAL LAND OFFICE. 245

Statement of the business transacted at the local land offices, etc.—Continued.

DES MOINES, IOWA.

Class of entry.	Num- b	Acres.	Commis- sions.	Fees.	Amount.
Excess payments on homestead, timber- culture, and other entries and locations..	2	21.66	.....	.....	\$54.16
Sale of land under act of Mar. 3, 1887 (29 Stats., 6).....	1	160.00	.....	.....	215.22
Cash substitution for military bounty land warrants	6	[720.00]	.....	.....	800.00
Total cash sales	9	181.66	.....	.....	1,069.38
Original homestead entries	5	377.03	\$12.67	\$35.00	47.67
Final homestead entries	7	[409.97]	20.56	.....	20.56
Amount received for reducing testimony to writing .....	.....	.....	.....	964.39	964.39
Total of all classes of entries and amount received therefrom	21	558.69	33.23	999.39	2,102.00
Salaries, fees, and commissions of register and receiver.....	.....	.....	.....	.....	2,019.00
Incidental expenses.....	.....	.....	.....	.....	97.94
Total .....	.....	.....	.....	.....	2,116.94

COLBY, KANS.

Sales of land at public auction	21	1,306.94	.....	.....	\$1,633.68
Sales of land by pre-emption entry.....	1	[160.00]	.....	.....	.....
Excess payments on homestead, timber- culture, and other entries and locations..	8	24.67	.....	.....	30.84
Homestead entries commuted to cash under section 2301, R. S.	16	[1,677.29]	.....	.....	2,196.62
Total cash sales	46	1,331.61	.....	.....	3,861.14
Original homestead entries	227	31,592.70	\$942.81	\$2,060.00	3,002.81
Final homestead entries	103	[15,083.41]	469.06	.....	469.06
Final entries under the timber-culture laws.	22	[3,520.00]	.....	88.00	88.00
Amount received for cancellation notices..	.....	.....	.....	24.00	24.00
Amount received for reducing testimony to writing .....	.....	.....	.....	1,093.92	1,093.92
Total of all classes of entries and amount received therefrom	398	32,924.31	1,411.87	3,265.92	8,538.93
Salaries, fees, and commissions of register and receiver.....	.....	.....	.....	.....	3,695.02
Incidental expenses.....	.....	.....	.....	.....	1,108.72
Expense of depositing public moneys.....	.....	.....	.....	.....	1.40
Total .....	.....	.....	.....	.....	4,805.14

DODGE CITY, KANS.

Sales of land at public auction	14	782.37	.....	.....	\$977.97
Excess payments on homestead, timber- culture, and other entries and locations..	42	66.02	.....	.....	116.16
Homestead entries commuted to cash under section 2301, R. S.	27	[4,101.09]	.....	.....	5,326.36
Total cash sales	83	848.39	.....	.....	6,420.49
Original homestead entries	837	129,863.68	\$3,858.51	\$8,205.00	12,063.51
Final homestead entries	77	[11,606.08]	366.64	.....	366.64
Final entries under the timber-culture laws	113	[17,953.48]	.....	452.00	452.00
Preemption declaratory statements	28	.....	.....	56.00	56.00
Soldiers' and sailors' homestead declara- tory statements	18	.....	.....	36.00	36.00
Reservoir declaratory statements	9	.....	.....	18.00	18.00
Amount received for cancellation notices..	.....	.....	.....	45.00	45.00
Amount received for reducing testimony to writing .....	.....	.....	.....	756.19	756.19
Total of all classes of entries and amount received therefrom	1,165	130,712.07	4,225.15	9,568.19	20,213.83

246 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Statement of the business transacted at the local land offices, etc.—Continued.

DODGE CITY, KANS.—Continued.

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Salaries, fees, and commissions of register and receiver.....					\$6,000.00
Incidental expenses.....					2,312.43
Expense of depositing public moneys.....					8.75
Total					8,321.18
Receipts from sales of Osage trust and diminished reserve lands:					
Full payments	146	9,591.34			11,989.16
First payments	9	1,327.02			414.70
Subsequent payments to first payments.....	[31]	[4,175.70]			2,155.98
Interest payments.....					152.99
Total	{ [31] 155 }	{ [4,175.70] 10,918.36 }			14,712.83

TOPEKA, KANS.

Sales of land at public auction	1	80.00			\$200.00
Excess payments on homestead, timber-culture, and other entries and locations.....	1	7.50			9.38
Homestead entries commuted to cash under section 2301, R. S.....	5	[240.00]			400.00
Cash substitution for military bounty land warrant	1	[160.00]			200.00
Total cash sales	8	87.50			809.38
Original homestead entries	29	1,892.59	\$91.13	\$155.00	246.13
Final homestead entries	22	[1,926.58]	89.48		89.48
Preemption declaratory statements.....	4			8.00	8.00
Amount received for reducing testimony to writing				134.22	134.22
Total of all classes of entries and amount received therefrom	63	1,980.09	180.61	297.22	1,287.21
Salaries, fees, and commissions of register and receiver.....					1,346.10
Incidental expenses.....					63.28
Expense of depositing public moneys.....					1.30
Total					1,410.68
Receipts from sales of Osage trust and diminished reserve lands:					
Full payments	1	40.00			50.00
First payments	1	40.00			12.50
Payments subsequent to first payment.....	[12]	[519.13]			224.46
Interest payments.....					24.79
Total	{ [12] 2 }	{ [519.13] 80.00 }			311.75
Receipts from sales of "Kansas trust and diminished reserve lands:"					
Payments subsequent to first payment.....	[2]	[162.28]			35.48
Interest payments.....					10.45
Total	[2]	[162.28]			45.93

WAKEENEY, KANS.

Sales of land at public auction	24	1,423.70			\$1,899.64
Excess payments on homestead, timber-culture, and other entries and locations.....	33	62.91			110.46
Homestead entries commuted to cash under section 2301, R. S.....	22	[2,756.85]			3,596.07
Total cash sales	79	1,486.61			5,606.17
Original homestead entries	585	89,331.51	\$3,119.08	\$5,640.00	8,759.08
Final homestead entries	98	[14,565.97]	616.85		616.85
Final entries under timber-culture laws	35	5,573.92]		140.00	140.00

REPORT OF COMMISSIONER OF GENERAL LAND OFFICE. 247

Statement of the business transacted at the local land offices, etc.—Continued.

WAKEENEY, KANS.—Continued.

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Lands selected under grants to railroads...	8	1,194.51		\$16.00	\$16.00
Soldiers' and sailors' homestead declara-tory statements.....	7			14.00	14.00
Amount received for cancellation notices.....				42.00	42.00
Amount received for reducing testimony to writing.....				420.24	420.24
Total of all classes of entries and amount received therefrom.....	812	92,012.63	\$3,735.93	6,272.24	15,614.34
Salaries, fees, and commissions of register and receiver.....					5,480.22
Incidental expenses.....					1,372.51
Expense of depositing public moneys.....					11.40
Total.....					6,864.13

NATCHITOCHES, LA.

Sales of timber and stone lands.....	46	5,576.91			\$13,942.47
Sale of abandoned military reservations (Fort Jessup).....	1	[155.50]			194.45
Excess payments of homestead, timber-culture, and other entries and locations..	75	132.92			323.37
Homestead entries commuted to cash under section 2301, R. S.....	81	[9,702.66]			20,412.63
Supplemental payments.....	2	[178.14]			24.91
Total cash sales.....	205	5,709.83			34,897.83
Original homestead entries.....	364	30,062.44	\$1,054.23	\$2,415.00	3,469.23
Final homestead entries.....	169	[17,489.28]	579.43		579.43
Lands entered with military bounty land warrants.....	8	638.71		16.00	16.00
Lands entered with private land scrip.....	6	239.92			
Applications to purchase timber and stone lands.....	46			460.00	460.00
Amount received for cancellation notices.....				30.00	30.00
Amount received for reducing testimony to writing.....				1,486.09	1,486.09
Total of all classes of entries and amount received therefrom.....	798	36,650.90	1,633.66	4,407.09	40,988.58
Salaries, fees, and commissions of register and receiver.....					5,323.69
Incidental expenses.....					2,195.52
Expense of depositing public moneys.....					10.75
Total.....					7,529.96

NEW ORLEANS, LA.

Sales of land at private entry.....	1	109.76			\$137.20
Sales of timber and stone lands.....	54	5,877.13			14,695.19
Excess payments on homestead, timber-culture, and other entries and locations..	150	454.51			579.57
Sales of land under act June 2, 1858.....	3	120.00			150.00
Sale of land under act Mar. 3, 1887.....	1	160.49			
Cash substitution for military bounty land warrants.....	3	[390.36]			449.10
Homestead entries commuted to cash under section 2301, R. S.....	164	[16,736.98]			23,357.15
Supplemental payment.....	1	.78			.98
Total cash sales.....	377	6,722.67			39,369.19
Original homestead entries.....	576	46,497.43	\$1,267.03	\$3,830.00	5,097.03
Final homestead entries.....	359	[35,643.54]	996.42		996.42
Lands entered with military bounty land warrants.....	40	3,623.02		91.00	91.00
Lands entered with private land scrip.....	28	1,232.36			
State selections.....	5	598.34		10.00	10.00
Applications to purchase timber and stone lands.....	54			540.00	540.00

Statement of the business transacted at the local land offices, etc.—Continued.

NEW ORLEANS, LA.—Continued.

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Amount received for cancellation notices..				\$92.00	\$92.00
Amount received for reducing testimony to writing				1,324.71	1,324.71
Total of all classes of entries and amount received therefrom	1,439	58,673.82	\$2,263.45	5,887.71	47,520.35
Salaries, fees, and commissions of register and receiver.....					6,000.00
Incidental expenses.....					3,639.03
Total					9,639.03

MARQUETTE, MICH.

Sales of land at private entry	1	36.70			\$45.88
Sales of timber and stone lands	167	12,273.19			30,683.03
Excess payments on homestead, timber-culture, and other entries and locations.	13	70.68			88.36
Cash substitution.....	2	[331.76]			414.70
Homestead entries commuted to cash under section 2301, R. S.....	71	[7,730.63]			9,663.30
Competitive bids.....	3				185.00
Total cash sales	257	12,380.57			41,080.27
Original homestead entries	353	34,132.80	\$838.52	\$2,545.00	3,383.52
Final homestead entries	146	[16,024.82]	400.61		400.61
Lands entered with military bounty land warrants	5	675.75		17.00	17.00
Lands entered with private land scrip.....	1	80.00			
Lands entered with Dodge scrip	1	40.00		1.00	1.00
Indian allotments.....	4	240.00			
Applications to purchase timber and stone lands	167			1,670.00	1,670.00
Amount received for cancellation notices..				30.00	30.00
Amount received for reducing testimony to writing				2,054.29	2,054.29
Total of all classes of entries and amount received therefrom	934	47,549.12	1,239.13	6,317.29	48,636.69
Salaries, fees, and commissions of register and receiver.....					6,000.00
Incidental expenses.....					2,219.14
Total					8,219.14

CASS LAKE, MINN.

Sales of land at public auction	1	40.00			\$50.00
Sales of timber and stone lands	269	34,659.72			86,649.33
Excess payments on homestead, timber-culture, and other entries and locations.	40	281.54			351.94
Supplemental payment	1				1.00
Homestead entries commuted to cash under section 2301, R. S.....	213	[29,849.79]			37,312.25
Total cash sales	524	34,981.26			124,364.52
Original homestead entries	365	34,912.11	\$875.75	\$2,635.00	3,510.75
Final homestead entries	230	[26,257.38]	656.43		656.43
Original homestead entries (Chippewa Indian Reservation)	314	41,339.04	1,033.49	2,780.00	3,813.49
Final homestead entries (Chippewa Indian Reservation)	14	[2,053.50]	51.33		51.33
Lands entered with military bounty land warrant	1	80.00		2.00	2.00
Lands entered with private land scrip	3	120.00			
Final commissions on commuted Indian lands			35.96		35.96
Lands selected under grants to railroads..	1	5.00		2.00	2.00
Applications to purchase timber and stone lands	269			2,690.00	2,690.00
Soldiers' and sailors' homestead declaratory statement.....	1			2.00	2.00

Statement of business transacted at the local land offices, etc.—Continued.

CASS LAKE, MINN.—Continued.

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Amount received for cancellation notices.....				\$34.00	\$34.00
Amount received for reducing testimony to writing				1,141.01	1,141.01
Total of all classes of entries and amount received therefrom	1,722	111,437.41	\$2,652.96	9,286.01	136,303.49
Salaries, fees, and commissions of register and receiver.....					6,000.00
Incidental expenses.....					3,866.76
Expense of depositing public moneys.....					37.20
Total					9,903.96
Cash sales—Chippewa Indian lands:					
Pine lands.....	3	120.00			195.00
Commuted homesteads.....	24	[2,884.77]			3,605.96
Total	27	{ [2,884.77] 120.00 }			3,800.96

CROOKSTON, MINN.

Excess payments on homestead, timber-culture, and other entries and locations	34	292.56			\$365.68
Homestead entries commuted to cash under section 2301, R. S.	178	[23,866.90]			30,614.48
Total cash sales	212	292.56			30,980.16
Original homestead entries	353	47,457.54	\$1,257.28	\$3,155.00	4,412.28
Final homestead entries	355	[50,010.04]	1,444.18		1,444.18
Original homestead entries (Chippewa Indian Reservation).....	1,275	186,458.48	4,652.86	11,990.00	16,642.86
Final homestead entries (Chippewa Indian Reservation).....	298	[44,915.65]	1,118.50		1,118.50
Original homesteads (Red Lake Indian Reservation).....	477	73,524.27	1,838.40	4,740.00	6,578.40
Final entries under the timber-culture laws	1	[160.00]		4.00	4.00
Final commissions on commuted Indian lands			662.21		662.21
Red Lake and Pembina scrip locations	2	480.00			
Lands selected under grants to railroads	2	216.74		4.00	4.00
Soldiers' and sailors' homestead declaratory statements	2			4.00	4.00
Amount received for cancellation notices.....				266.00	266.00
Amount received for reducing testimony to writing				1,613.55	1,613.55
Total of all classes of entries and amount received therefrom	2,977	308,429.59	10,973.43	21,776.55	63,730.14
Salaries, fees, and commissions of register and receiver.....					6,000.00
Incidental expenses.....					3,073.13
Expense of depositing public moneys.....					31.33
Total					9,104.46
Cash sales, Chippewa Indian lands:					
Commuted homesteads.....	180	[26,486.95]			33,108.71
Cash sales, Red Lake Indian Reservation ceded lands:					
First payments	477	[73,524.27]			95,681.17

DULUTH, MINN.

Sales of land at private entry	2	56.55			\$70.69
Sales of timber and stone lands	1,163	160,813.55			402,040.95
Excess payments on homestead, timber-culture, and other entries and locations	330	2,354.26			2,968.67
Homestead entries commuted to cash under section 2301, R. S.	113	[15,978.32]			20,273.07
Total cash sales	1,608	163,224.36			425,353.38

250 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Statement of business transacted at the local land offices, etc.—Continued.

DULUTH, MINN.—Continued.

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Original homestead entries	1,573	170,721.29	\$4,482.56	\$12,330.00	\$16,812.56
Final homestead entries	537	[38,351.69]	1,026.94	.....	1,026.94
Original homestead entries (Chippewa Indian Reservation)	166	25,008.48	625.52	1,600.00	2,225.52
Final homestead entries (Chippewa Indian Reservation)	3	[423.25]	10.59	.....	10.59
Lands entered with military bounty land warrants	3	440.00	.....	11.00	11.00
Lands entered with private land scrip	13	653.50	.....	.....	.....
Lands entered with Sioux half-breed scrip	1	40.00	.....	.....	.....
Commissions on Chippewa agricultural cash entries .....	.....	.....	65.10	.....	65.10
Lands selected under grants to railroads	1	40.00	.....	2.00	2.00
State selections	594	93,805.43	.....	1,186.00	1,186.00
Applications to purchase timber and stone lands	1,162	.....	.....	11,620.00	11,620.00
Soldiers' and sailors' homestead declaratory statements	10	.....	.....	20.00	20.00
Amount received for cancellation notices .....	.....	.....	.....	67.00	67.00
Amount received for reducing testimony to writing .....	.....	.....	.....	2,258.87	2,258.87
Total of all classes of entries and amount received therefrom	5,671	453,933.06	6,210.71	29,094.87	460,658.96
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	6,000.00
Incidental expenses .....	.....	.....	.....	.....	6,010.75
Total .....	.....	.....	.....	.....	12,010.75
Cash sales, Chippewa Indian lands: Commuted homesteads	17	[2,441.37]	.....	.....	3,051.92

ST. CLOUD, MINN.

Sales of land at public auction	2	53.74	.....	.....	\$67.18
Sales of timber and stone lands	8	480.00	.....	.....	1,200.00
Sales of land under act Mar. 3, 1887	2	80.00	.....	.....	200.00
Excess payments on homestead, timber-culture, and other entries and locations	22	79.17	.....	.....	128.81
Cash substitution for military bounty land warrant	1	[160.00]	.....	.....	200.00
Homestead entries commuted to cash under section 2301, R. S.	75	[5,977.74]	.....	.....	9,421.91
Total cash sales	110	692.91	.....	.....	11,217.90
Original homestead entries	385	29,409.91	\$1,116.19	\$2,520.00	3,636.19
Final homestead entries	338	[35,297.17]	1,385.67	.....	1,385.67
Final entries under the timber-culture laws	4	[200.00]	.....	12.00	12.00
Lands entered with private land scrip	2	44.65	.....	.....	.....
Lands entered with Sioux half-breed scrip	2	160.00	.....	.....	.....
Lands selected under grants to railroads	9	363.79	.....	18.00	18.00
Applications to purchase timber and stone lands	8	.....	.....	80.00	80.00
Amount received for cancellation notices .....	.....	.....	.....	55.00	55.00
Amount received for reducing testimony to writing .....	.....	.....	.....	883.87	883.87
Total of all classes of entries and amount received therefrom	858	30,671.26	2,501.86	3,568.87	17,288.63
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	4,774.98
Incidental expenses .....	.....	.....	.....	.....	1,483.80
Expense of depositing public moneys .....	.....	.....	.....	.....	11.35
Total .....	.....	.....	.....	.....	6,270.13

REPORT OF COMMISSIONER OF GENERAL LAND OFFICE. 251

Statement of the business transacted at the local land offices, etc.—Continued.

JACKSON, MISS.

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Sale of land at private entry	1	[80.00]	.....	.....	\$100.00
Payments on sales of land under act Mar. 2, 1895 (28 Stats., 814)	4	[637.15]	.....	.....	350.25
Excess payments on homestead, timber-culture, and other entries and locations	204	733.75	.....	.....	1,130.04
Supplemental payment	1	.....	.....	.....	1.00
Cash substitution for military bounty land warrant	1	[120.00]	.....	.....	150.00
Homestead entries commuted to cash under section 2301, R. S.	160	[14,365.60]	.....	.....	18,054.52
Total cash sales	371	733.75	.....	.....	19,785.81
Original homestead entries	827	68,517.19	\$1,750.02	\$5,515.00	7,265.02
Final homestead entries	796	[78,238.08]	2,011.57	.....	2,011.57
Lands entered with military bounty land warrants	108	12,108.49	.....	303.50	303.50
Lands entered with private land scrip	21	842.27	.....	.....	.....
Soldiers' and sailors' homestead declaratory statement	1	.....	.....	2.00	2.00
Amount received for cancellation notices .....	.....	.....	.....	21.00	21.00
Amount received for reducing testimony to writing .....	.....	.....	.....	1,039.65	1,039.65
Total of all classes of entries and amount received therefrom	2,124	82,201.70	3,761.59	6,881.15	30,428.55
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	5,848.53
Incidental expenses .....	.....	.....	.....	.....	3,440.60
Expense of depositing public moneys .....	.....	.....	.....	.....	17.20
Total .....	.....	.....	.....	.....	9,306.33

BOONVILLE, MO.

Sales of land at private entry	92	6,941.45	.....	.....	\$8,676.98
Excess payments on homestead, timber-culture, and other entries and locations	8	59.14	.....	.....	73.93
Cash substitution	2	[280.00]	.....	.....	350.00
Total cash sales	102	7,000.59	.....	.....	9,100.91
Original homestead entries	262	22,452.32	\$561.36	\$1,745.00	2,306.36
Final homestead entries	164	[14,983.88]	374.57	.....	374.57
Amount received for cancellation notices .....	.....	.....	.....	23.00	23.00
Amount received for reducing testimony to writing .....	.....	.....	.....	434.32	434.32
Total of all classes of entries and amount received therefrom	528	29,452.91	935.93	2,202.32	12,239.16
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	2,575.22
Incidental expenses .....	.....	.....	.....	.....	330.80
Expense of depositing public moneys .....	.....	.....	.....	.....	8.60
Total .....	.....	.....	.....	.....	2,914.62

IRONTON, MO.

Sales of land at private entry	102	6,650.17	.....	.....	\$8,312.75
Excess payments on homestead, timber-culture, and other entries and locations	4	15.48	.....	.....	19.35
Homestead entries commuted to cash under section 2301, R. S.	3	[163.00]	.....	.....	203.75
Total cash sales	109	6,665.65	.....	.....	8,535.85
Original homestead entries	247	19,379.80	\$484.52	\$1,610.00	2,094.52
Final homestead entries	178	[15,993.91]	399.84	.....	399.84
Soldiers' and sailors' homestead declaratory statements	4	.....	.....	8.00	8.00
Amount received for cancellation notices .....	.....	.....	.....	1.00	1.00

252 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Statement of the business transacted at the local land offices, etc.—Continued.

IRONTON, MO.—Continued.

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Amount received for reducing testimony to writing				\$453.92	\$453.92
Total of all classes of entries and amount received therefrom	538	26,045.45	\$884.36	2,072.92	11,493.13
Salaries, fees, and commissions of register and receiver					2,518.02
Incidental expenses					201.24
Expense of depositing public moneys					16.40
Total					2,735.66

SPRINGFIELD, MO.

Sales of land at private entry	94	8,342.25			\$10,705.24
Excess payments on homestead, timber-culture, and other entries and locations ..	16	69.95			97.97
Total cash sales	110	8,412.20			10,803.21
Original homestead entries	550	53,370.62	\$1,483.68	\$3,910.00	5,393.68
Final homestead entries	457	[47,749.26]	1,348.76		1,348.76
Soldiers' and sailors' homestead declaratory statements	2			4.00	4.00
Amount received for cancellation notices ..				55.00	55.00
Amount received for reducing testimony to writing				753.11	753.11
Total of all classes of entries and amount received therefrom	1,119	61,782.82	2,832.44	4,722.11	18,357.76
Salaries, fees, and commissions of register and receiver					4,860.58
Incidental expenses					1,296.78
Expense of depositing public moneys					14.20
Total					6,171.56

BOZEMAN, MONT.

Sales of land at public auction	8	474.81			\$693.51
Sales of timber and stone lands	42	5,205.57			13,013.96
Sales of mineral lands	13	479.03			2,372.50
Sales of coal lands	8	800.21			16,004.20
Excess payments on homestead, timber-culture, and other entries and locations ..	12	41.84			98.23
Original entries under the desert land act ..	128	19,182.29			4,795.59
Final entries under the desert land act ..	61	[8,618.50]			8,618.50
Homestead entries commuted to cash under section 2301, R. S.	64	[8,440.81]			14,258.24
Total cash sales	336	26,183.75			59,854.73
Original homestead entries	480	69,848.29	\$5,049.48	\$4,460.00	9,509.48
Final homestead entries	238	[36,210.04]	2,656.37		2,656.37
Final entries under the timber-culture laws ..	1	[159.08]		4.00	4.00
Final commissions on commuted homesteads (Crow Indian ceded lands)			551.07		551.07
Lands selected under grants to railroads ..	47	7,494.08		94.00	94.00
Applications to purchase mineral lands ..	16			160.00	160.00
Applications to purchase timber and stone lands	42			420.00	420.00
Mineral protests, adverse claims	3			30.00	30.00
Coal land declaratory statements	65			195.00	195.00
Amount received for cancellation notices ..				28.00	28.00
Amount received for reducing testimony to writing				603.17	603.17
Total of all classes of entries and amount received therefrom	1,228	103,526.12	8,256.92	5,994.17	74,105.82
Salaries, fees, and commissions of register and receiver					6,000.00
Incidental expenses					2,812.08
Total					8,812.08

Statement of the business transacted at the local land offices, etc.—Continued.

GREAT FALLS, MONT.

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land at public auction	39	2, 938. 78	.....	.....	\$3, 923. 49
Sales of timber and stone lands	10	955. 03	.....	.....	2, 387. 57
Excess payments on homestead, timber-culture, and other entries and locations	87	447. 29	.....	.....	557. 45
Original entries under the desert land act	603	116, 717. 25	.....	.....	29, 152. 49
Final entries under the desert land act	377	[67, 677. 48]	.....	.....	67, 677. 48
Homestead entries commuted to cash under section 2301, R. S.	123	[18, 648. 70]	.....	.....	23, 342. 68
Competitive bid .....	.....	.....	.....	.....	1. 00
Total cash sales	1, 239	121, 058. 35	.....	.....	127, 042. 16
Original homestead entries	835	121, 225. 45	\$4, 638. 41	\$7, 860. 00	12, 498. 41
Final homestead entries	348	[49, 900. 48]	1, 878. 79	.....	1, 878. 79
State selections	65	10, 121. 05	.....	130. 00	130. 00
Application to purchase mineral lands	1	.....	.....	10. 00	10. 00
Applications to purchase timber and stone lands	10	.....	.....	100. 00	100. 00
Soldiers' and sailors' homestead declaratory statement	1	.....	.....	3. 00	3. 00
Coal land declaratory statements	12	.....	.....	36. 00	36. 00
Reservoir declaratory statements	5	.....	.....	15. 00	15. 00
Amount received for cancellation notices .....	.....	.....	.....	60. 00	60. 00
Amount received for reducing testimony to writing .....	.....	.....	.....	895. 84	895. 84
Total of all classes of entries and amount received therefrom	2, 516	252, 404. 85	6, 517. 20	9, 109. 84	142, 669. 20
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	6, 000. 00
Incidental expenses .....	.....	.....	.....	.....	4, 359. 01
Total .....	.....	.....	.....	.....	10, 359. 01

HELENA, MONT.

Sales of land at public auction	14	1, 520. 18	.....	.....	\$2, 519. 50
Sales of timber and stone lands	16	1, 764. 49	.....	.....	4, 411. 23
Sales of mineral lands	119	4, 959. 57	.....	.....	18, 912. 50
Excess payments on homestead, timber-culture, and other entries and locations	16	59. 76	.....	.....	102. 38
Original entries under the desert-land act	169	31, 046. 44	.....	.....	7, 759. 63
Final entries under the desert-land act	106	[24, 371. 06]	.....	.....	24, 371. 06
Homestead entries commuted to cash under section 2301, R. S.	24	[3, 717. 90]	.....	.....	5, 794. 83
Total cash sales	464	39, 350. 44	.....	.....	63, 871. 13
Original homestead entries	197	27, 999. 39	\$1, 683. 14	\$1, 820. 00	3, 503. 14
Final homestead entries	94	[13, 340. 97]	794. 81	.....	794. 81
Final entries under the timber-culture laws	4	[412. 92]	.....	16. 00	16. 00
Land selected under grants to railroads	58	8, 925. 56	.....	116. 00	116. 00
State selections	17	2, 711. 78	.....	34. 00	34. 00
Applications to purchase mineral lands	116	.....	.....	1, 160. 00	1, 160. 00
Applications to purchase coal lands	12	.....	.....	36. 00	36. 00
Applications to purchase timber and stone lands	16	.....	.....	160. 00	160. 00
Mineral protests, adverse claims	10	.....	.....	100. 00	100. 00
Amount received for cancellation notices .....	.....	.....	.....	14. 00	14. 00
Amount received for reducing testimony to writing .....	.....	.....	.....	198. 92	198. 92
Total of all classes of entries and amount received therefrom	988	78, 987. 17	2, 477. 95	3, 654. 92	70, 004. 00
Salaries, fees, and commissions of register and receiver	6, 000. 00
Incidental expenses	3, 068. 16
Total	9, 068. 16

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Statement of the business transacted at the local land offices, etc.—Continued.

KALISPELL, MONT.

Class of entry.	Num- ber.	Acres.	Commis- sions.	Fees.	Amount.
Sales of timber and stone lands	149	20, 584. 20	.....	.....	\$51, 470. 47
Sales of mineral lands	8	247. 32	.....	.....	943. 54
Excess payments on homestead, timber- culture, and other entries and locations..	16	72. 27	.....	.....	143. 26
Original entries under the desert-land act..	2	240. 00	.....	.....	60. 00
Final entries under the desert-land act ..	6	[740. 97]	.....	.....	740. 97
Homestead entries commuted to cash under section 2301, R. S.	60	[8, 704. 75]	.....	.....	10, 880. 91
Total cash sales	241	21, 143. 79	.....	.....	64, 239. 15
Original homestead entries	153	21, 157. 52	\$992. 90	\$1, 385. 00	2, 377. 90
Final homestead entries	62	[8, 986. 73]	423. 51	.....	423. 51
Lands selected under grants to railroads..	135	21, 375. 34	.....	270. 00	270. 00
Applications to purchase mineral lands ..	10	.....	.....	100. 00	100. 00
Applications to purchase timber and stone lands	148	.....	.....	1, 480. 00	1, 480. 00
Reservoir declaratory statements	1	.....	.....	3. 00	3. 00
Amount received for cancellation notices ..	.....	.....	.....	38. 00	38. 00
Amount received for reducing testimony to writing .....	.....	.....	.....	777. 27	777. 27
Total of all classes of entries and amount received therefrom	750	63, 676. 65	1, 416. 41	4, 053. 27	69, 708. 83
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	6, 000. 00
Incidental expenses .....	.....	.....	.....	.....	1, 353. 44
Total .....	.....	.....	.....	.....	7, 353. 44

LEWISTOWN, MONT.

Sales of land at public auction	60	3, 389. 90	.....	.....	\$4, 935. 24
Sales of timber and stone lands	29	2, 723. 75	.....	.....	6, 809. 37
Sales of mineral lands	8	223. 37	.....	.....	1, 130. 00
Sales of coal lands	4	240. 00	.....	.....	2, 400. 00
Sales of abandoned military reservations, payments thereon, and interest on de- ferred payments	[9]	[1, 000. 00]	.....	.....	558. 00
Excess payments on homestead, timber- culture, and other entries and locations..	23	66. 91	.....	.....	87. 40
Original entries under the desert-land act..	288	44, 139. 76	.....	.....	11, 035. 01
Final entries under the desert-land act ..	169	[28, 216. 79]	.....	.....	28, 216. 79
Homestead entries commuted to cash un- der section 2301, R. S.	71	[10, 727. 98]	.....	.....	13, 759. 98
Total cash sales	652	50, 783. 69	.....	.....	68, 931. 79
Original homestead entries	336	49, 095. 36	\$1, 937. 01	\$3, 160. 00	5, 097. 01
Final homestead entries	101	[13, 969. 02]	559. 80	.....	559. 80
Final entry under the timber-culture laws ..	1	[160. 00]	.....	4. 00	4. 00
Lands entered with military bounty land warrant	1	120. 00	.....	3. 00	3. 00
State selections	4	636. 72	.....	8. 00	8. 00
Applications to purchase mineral lands ..	15	.....	.....	150. 00	150. 00
Applications to purchase timber and stone lands	29	.....	.....	290. 00	290. 00
Mineral protests, adverse claims	4	.....	.....	40. 00	40. 00
Coal land declaratory statements	32	.....	.....	96. 00	96. 00
Amount received for cancellation notices ..	.....	.....	.....	15. 00	15. 00
Amount received for reducing testimony to writing .....	.....	.....	.....	1, 687. 36	1, 687. 36
Total of all classes of entries and amount received therefrom	1, 175	100, 635. 77	2, 496. 81	5, 453. 36	76, 881. 96
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	6, 000. 00
Incidental expenses .....	.....	.....	.....	.....	2, 219. 60
Expense of depositing public money .....	.....	.....	.....	.....	22. 50
Total .....	.....	.....	.....	.....	8, 242. 10

Statement of the business transacted at the local land offices, etc.—Continued.

MILES CITY, MONT.

Class of entry.	Num- ber.	Acres.	Commis- sions.	Fees.	Amount.
Sales of land at public auction.....	2	91.84	.....	.....	\$114.80
Sales of timber and stone lands.....	5	640.88	.....	.....	1,602.20
Excess payments on homestead, timber- culture, and other entries and locations..	37	173.36	.....	.....	277.48
Original entries under the desert-land act..	205	38,379.04	.....	.....	9,594.79
Final entries under the desert-land act..	15	[2,396.25]	.....	.....	2,396.25
Homestead entries commuted to cash un- der section 2301, R. S.....	7	[1,040.00]	.....	.....	1,600.00
Total cash sales.....	271	39,285.12	.....	.....	15,585.52
Original homestead entries.....	335	51,687.57	\$2,876.77	\$3,278.00	6,154.77
Final homestead entries.....	40	[6,168.19]	354.68	.....	354.68
Final entry under the timber-culture laws..	1	[120.00]	.....	4.00	4.00
Lands selected under grants to railroads..	1,507	240,719.34	.....	3,014.00	3,014.00
Applications to purchase timber and stone lands.....	5	.....	.....	50.00	50.00
Soldiers' and sailors' homestead declara- tory statements.....	11	.....	.....	33.00	33.00
Coal land declaratory statements.....	8	.....	.....	24.00	24.00
Amount received for cancellation notices..	.....	.....	.....	1.00	1.00
Amount received for reducing testimony to writing.....	.....	.....	.....	93.07	93.07
Total of all classes of entries and amount received therefrom.....	2,178	331,692.03	3,231.45	6,497.07	25,314.04
Salaries, fees, and commissions of register and receiver.....	.....	.....	.....	.....	6,000.00
Incidental expenses.....	.....	.....	.....	.....	1,200.02
Expense of depositing public moneys.....	.....	.....	.....	.....	5.55
Total.....	.....	.....	.....	.....	7,205.57

MISSOULA, MONT.

Sales of land at public auction.....	5	237.87	.....	.....	\$297.34
Sales of land by preemption entry.....	56	7,463.20	.....	.....	9,529.02
Sales of timber and stone lands.....	87	12,000.54	.....	.....	30,001.35
Sales of mineral lands.....	15	979.42	.....	.....	3,680.00
Excess payments on homestead, timber- culture, and other entries and locations..	13	108.28	.....	.....	207.16
Original entries under the desert-land act..	30	6,724.93	.....	.....	1,681.23
Final entries under the desert-land act..	45	[8,965.96]	.....	.....	8,965.96
Homestead entries commuted to cash un- der section 2301, R. S.....	11	[1,638.59]	.....	.....	3,047.77
Total cash sales.....	262	27,514.24	.....	.....	57,409.83
Original homestead entries.....	156	21,868.80	\$1,394.60	\$1,430.00	2,824.60
Final homestead entries.....	91	[13,403.28]	720.58	.....	720.58
Lands selected under grants to railroads..	442	70,227.80	.....	884.00	884.00
State selections.....	16	2,461.20	.....	32.00	32.00
Applications to purchase mineral lands....	17	.....	.....	170.00	170.00
Applications to purchase timber and stone lands.....	87	.....	.....	870.00	870.00
Preemption declaratory statements.....	59	.....	.....	177.00	177.00
Amount received for cancellation notices..	.....	.....	.....	18.00	18.00
Amount received for reducing testimony to writing.....	.....	.....	.....	752.83	752.83
Total of all classes of entries and amount received therefrom.....	1,130	122,072.04	2,115.18	4,333.83	63,858.84
Salaries, fees, and commissions of register and receiver.....	.....	.....	.....	.....	6,000.00
Incidental expenses.....	.....	.....	.....	.....	3,030.81
Expense of depositing public moneys.....	.....	.....	.....	.....	66.40
Total.....	.....	.....	.....	.....	9,097.21
Receipts from sales of Flathead Indian lands (Bitter Root Valley):	.....	.....	.....	.....	.....
Payments subsequent to first payments..	[4]	[480.00]	2,005.32
Interest payments.....	47.63
Total.....	[4]	[480.00]	2,052.95

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Statement of the business transacted at the local land offices, etc.—Continued.

ALLIANCE, NEBR.

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Sales of land at public auction	14	960. 41	.....	.....	\$1,295.52
Sale of timber and stone lands	1	97. 20	.....	.....	243.00
Sales of abandoned military reservations, payments thereon .....	.....	.....	.....	.....	542.54
Excess payments on homestead, timber- culture, and other entries and locations	59	192. 20	.....	.....	240.28
Homestead entries commuted to cash un- der section 2301, R. S.	57	[8,884.44]	.....	.....	11,105.55
Total cash sales	131	1,249.81	.....	.....	13,426.89
Original homestead entries	846	170,593.10	\$3,280.69	\$8,290.00	11,570.69
Final homestead entries	144	[21,971.98]	549.29	.....	549.29
Final entries under the timber-culture laws	14	[2,240.00]	.....	56.00	56.00
Application to purchase timber and stone lands	1	.....	.....	10.00	10.00
Soldiers' and sailors' homestead declara- tory statements	52	.....	.....	104.00	104.00
Reservoir declaratory statements	2	.....	.....	4.00	4.00
Amount received for cancellation notices .....	.....	.....	.....	55.00	55.00
Amount received for reducing testimony to writing .....	.....	.....	.....	709.97	709.97
Total of all classes of entries and amount received therefrom	1,190	171,842.91	3,829.98	9,228.97	26,485.84
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	5,991.18
Incidental expenses .....	.....	.....	.....	.....	1,584.66
Expense of depositing public moneys .....	.....	.....	.....	.....	15.40
Total .....	.....	.....	.....	.....	7,591.24

BROKEN BOW, NEBR.

Sales of land at public auction	8	319.64	.....	.....	\$401.55
Excess payments on homestead, timber- culture, and other entries and locations	68	390.51	.....	.....	483.15
Homestead entries commuted to cash un- der section 2301, R. S.	49	[7,321.24]	.....	.....	9,151.55
Total cash sales	125	710.15	.....	.....	10,041.25
Original homestead entries	788	284,769.87	\$3,063.92	\$7,745.00	10,808.92
Final homestead entries	94	[14,522.78]	363.07	.....	363.07
Final entries under the timber-culture laws	5	[800.00]	.....	20.00	20.00
Soldiers' and sailors' homestead declara- tory statements	15	.....	.....	30.00	30.00
Reservoir declaratory statement	1	.....	.....	2.00	2.00
Amount received for cancellation notices .....	.....	.....	.....	38.00	38.00
Amount received for reducing testimony to writing .....	.....	.....	.....	664.98	664.98
Total of all classes of entries and amount received therefrom	1,028	285,480.02	3,426.99	8,499.98	21,968.22
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	5,382.74
Incidental expenses .....	.....	.....	.....	.....	1,294.84
Total .....	.....	.....	.....	.....	6,677.58

LINCOLN, NEBR.

Sales of land at public auction	3	73.69	.....	.....	\$102.48
Excess payments on homestead, timber- culture, and other entries and locations	6	43.88	.....	.....	99.34
Sales of land under act Mar. 3, 1887 (24 Stats., 556)	2	[79.20]	.....	.....	.....
Homestead entries commuted to cash un- der section 2301, R. S.	7	[720.30]	.....	.....	950.75
Total cash sales	18	117.57	.....	.....	1,152.57
Original homestead entries	48	5,117.43	\$143.37	\$370.00	513.37
Final homestead entries	27	[2,630.62]	74.85	74.85
Final entries under the timber-culture laws	2	[240.00]	8.00	8.00

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Statement of the business transacted at the local land offices, etc.—Continued.

LINCOLN, NEBR.—Continued.

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Amount received for reducing testimony to writing				\$163.51	\$163.51
Total of all classes of entries and amount received therefrom	95	5,235.00	\$218.22	\$411.51	1,912.30
Salaries, fees, and commissions of register and receiver					1,453.25
Incidental expenses					3.12
Total					1,456.37
Cash sale, Otoe and Missouri Indian lands: Public auction	1	40.00			2,022.80

MCCOOK, NEBR.

Sales of land at public auction	18	1,480.00			\$1,901.00
Excess payments on homestead, timber-culture, and other entries and locations	15	119.40			149.26
Homestead entries commuted to cash under section 2301, R. S.	9	[1,235.21]			1,544.01
Total cash sales	42	1,599.40			3,594.27
Original homestead entries	284	67,634.09	\$1,048.04	\$2,695.00	3,743.04
Final homestead entries	61	[8,693.08]	224.96		224.96
Final entries under the timber-culture laws	23	[3,676.62]		92.00	92.00
Soldiers' and sailors' homestead declaratory statements	3			6.00	6.00
Amount received for cancellation notices				46.00	46.00
Amount received for reducing testimony to writing				509.85	509.85
Total of all classes of entries and amount received therefrom	413	69,233.49	1,273.00	3,348.85	8,216.12
Salaries, fees, and commissions of register and receiver					2,998.74
Incidental expenses					352.00
Expense of depositing public moneys					4.40
Total					3,355.14

NORTH PLATTE, NEBR.

Sales of land at public auction	16	916.57			\$1,421.57
Sales of abandoned military reservations	7	[780.76]			2,562.13
Excess payments on homestead, timber-culture, and other entries and locations	43	87.26			156.38
Timber-culture entry commuted under act Mar. 3, 1891	1	[160.00]			200.00
Homestead entries commuted to cash under section 2301, R. S.	10	[1,081.00]			1,751.25
Total cash sales	77	1,003.83			6,091.33
Original homestead entries	595	162,803.70	\$3,122.78	\$5,820.00	8,942.78
Final homestead entries	115	[17,891.89]	749.72		749.72
Final entries under the timber-culture laws	8	[1,280.00]		32.00	32.00
Reservoir declaratory statements	3			6.00	6.00
Amount received for cancellation notices				48.00	48.00
Amount received for reducing testimony to writing				470.01	470.01
Total of all classes of entries and amount received therefrom	798	163,807.53	3,872.50	6,376.01	16,339.84
Salaries, fees, and commissions of register and receiver					5,550.32
Incidental expenses					855.97
Expense of depositing public moneys					13.35
Total					6,419.64

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Statement of the business transacted at the local land offices, etc.—Continued.

O'NEILL, NEBR.

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Sales of land at public auction	18	982.31	.....	.....	\$1,353.89
Sales of abandoned military reservations (Fort Randall)	25	[3,681.83]	.....	.....	6,154.96
Excess payments on homestead, timber- culture, and other entries and locations..	47	172.19	.....	.....	215.32
Homestead entries commuted to cash un- der section 2301, R. S.	99	[11,485.76]	.....	.....	13,519.86
Total cash sales	189	1,154.50	.....	.....	21,244.03
Original homestead entries	761	187,850.15	\$2,777.13	\$7,125.00	9,902.13
Final homestead entries	118	[16,796.16]	420.04	.....	420.04
Final entries under the timber-culture laws	7	[1,117.40]	.....	28.00	28.00
Original homestead entries (Ponca Indian Reservation)	17	1,380.95	34.00	105.00	139.00
Final homestead entries (Ponca Indian Reservation)	60	[8,560.37]	214.02	.....	214.02
Commissions on commuted homesteads, Ponca lands .....	.....	.....	95.16	.....	95.16
Soldiers' and sailors' homestead declara- tory statements	15	.....	.....	30.00	30.00
Amount received for cancellation notices..	.....	.....	.....	31.00	31.00
Amount received for reducing testimony to writing .....	.....	.....	.....	1,101.78	1,101.78
Total of all classes of entries and amount received therefrom	1,167	190,385.60	3,540.35	8,420.78	33,205.16
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	6,000.00
Incidental expenses .....	.....	.....	.....	.....	1,607.46
Expense of depositing public moneys .....	.....	.....	.....	.....	29.80
Total .....	.....	.....	.....	.....	7,637.26
Receipts from sales of Indian lands: Ponca Sioux Indian lands, commuted homesteads	36	[3,566.77]	.....	.....	2,789.35
Omaha Indian lands: Full payments	3	160.30	.....	.....	1,764.20
First payments	2	200.00	.....	.....	933.34
Payments subsequent to first payment.	[25]	[2,948.61]	.....	.....	12,264.01
Interest payments .....	.....	.....	.....	.....	2,308.11
Total	{ [25] 5 }	{ [2,948.61] 360.30 }	.....	.....	17,269.66

SIDNEY, NEBR.

Excess payments on homestead, timber- culture, and other entries and locations..	24	50.12	.....	.....	\$85.17
Homestead entries commuted to cash un- der section 231, R. S.	8	[1,200.00]	.....	.....	1,500.00
Total cash sales	32	50.12	.....	.....	1,585.17
Original homestead entries	603	204,126.50	\$2,758.06	\$5,975.00	8,733.06
Final homestead entries	58	[8,746.05]	310.68	.....	310.68
Final entries under the timber-culture laws	10	[1,591.59]	.....	40.00	40.00
Reservoir declaratory statements	5	.....	.....	10.00	10.00
Amount received for reducing testimony to writing .....	.....	.....	.....	207.62	207.62
Total of all classes of entries and amount received therefrom	708	204,176.62	3,068.74	6,232.62	10,886.53
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	4,357.09
Incidental expenses .....	.....	.....	.....	.....	460.58
Expense of depositing public moneys .....	.....	.....	.....	.....	7.10
Total .....	.....	.....	.....	.....	4,824.77

Statement of the business transacted at the local land offices, etc.—Continued.

VALENTINE, NEBR.

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Sales of land at public auction	15	1,042.71	.....	.....	\$1,363.40
Sale of land under act May 31, 1902 (32 Stats., 283)	1	720.00	.....	.....	1,440.00
Excess payments on homestead, timber-culture, and other entries and locations.	47	170.18	.....	.....	212.87
Homestead entries commuted to cash under section 2301, R. S.	91	[14,016.76]	.....	.....	17,520.96
Total cash sales	154	1,932.89	.....	.....	20,537.23
Original homestead entries	784	226,436.77	\$3,032.75	\$7,660.00	10,692.75
Final homestead entries	141	[20,970.21]	524.41	.....	524.41
Final entries under the timber-culture laws.	7	[948.85]	.....	28.00	28.00
Soldiers' and sailors' homestead declaratory statements	100	.....	.....	200.00	200.00
Amount received for cancellation notices.	.....	.....	.....	52.00	52.00
Amount received for reducing testimony to writing .....	.....	.....	.....	899.40	899.40
Total of all classes of entries and amount received therefrom	1,186	228,369.66	3,557.16	8,839.40	32,933.79
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	6,000.00
Incidental expenses .....	.....	.....	.....	.....	1,549.20
Expense of depositing public moneys .....	.....	.....	.....	.....	24.42
Total .....	.....	.....	.....	.....	7,573.62

CARSON CITY, NEV.

Sales of timber and stone lands	3	240.00	.....	.....	\$600.00
Sales of mineral lands	61	2,581.87	.....	.....	12,952.50
Excess payments on homestead, timber-culture, and other entries and locations.	13	30.88	.....	.....	44.93
Original entries under the desert-land act.	11	2,360.94	.....	.....	590.25
Final entry under the desert-land act.	1	[320.00]	.....	.....	320.00
Homestead entries commuted to cash under section 2301, R. S.	5	[798.70]	.....	.....	998.40
Total cash sales	94	5,213.69	.....	.....	15,506.08
Original homestead entries	162	24,589.13	\$1,303.35	\$1,570.00	2,873.35
Final homestead entries	2	[316.61]	18.00	.....	18.00
Lands selected under grants to railroads.	1,168	186,665.24	.....	2,336.00	2,336.00
Applications to purchase mineral lands.	48	.....	.....	480.00	480.00
Applications to purchase timber and stone lands	3	.....	.....	30.00	30.00
Mineral protests, adverse claims	2	.....	.....	20.00	20.00
Coal-land declaratory statements	2	.....	.....	6.00	6.00
Amount received for reducing testimony to writing .....	.....	.....	.....	160.90	160.90
Total of all classes of entries and amount received therefrom	1,481	216,468.06	1,321.35	4,602.90	21,430.33
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	5,664.26
Incidental expenses .....	.....	.....	.....	.....	6.96
Expense of depositing public moneys .....	.....	.....	.....	.....	57.10
Total .....	.....	.....	.....	.....	5,728.32

CLAYTON, N. MEX.

Sales of land at public auction	1	40.00	.....	.....	\$50.00
Excess payments on homestead, timber-culture, and other entries and locations.	58	169.69	.....	.....	212.14
Original entries under the desert-land act.	48	9,116.81	.....	.....	2,279.20
Final entries under the desert-land act.	2	[400.00]	.....	.....	400.00
Homestead entries commuted to cash under section 2301, R. S.	37	[5,786.94]	.....	.....	7,223.67
Total cash sales	146	9,326.50	.....	.....	10,165.01
Original homestead entries	713	112,388.04	\$4,214.07	\$7,065.00	11,279.07
Final homestead entries	199	[31,449.76]	1,179.42	.....	1,179.42
State selections	89	20,791.12	178.00	178.00
Soldiers' and sailors' homestead declaratory statements	1	3.00	3.00

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Statement of the business transacted at the local land offices, etc.—Continued.

CLAYTON, N. MEX.—Continued.

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Reservoir declaratory statements	1	.....	.....	\$3.00	\$3.00
Amount received for cancellation notices .....	.....	.....	.....	1.00	1.00
Amount received for reducing testimony to writing .....	.....	.....	.....	533.77	533.77
Total of all classes of entries and amount received therefrom	1,149	142,505.66	\$5,393.49	7,783.77	23,342.27
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	6,000.00
Incidental expenses .....	.....	.....	.....	.....	1,549.92
Total .....	.....	.....	.....	.....	7,549.92

LAS CRUCES, N. MEX.

Sales of mineral lands	11	459.80	.....	.....	\$2,330.00
Sales of coal lands	1	40.00	.....	.....	800.00
Excess payments on homestead, timber-culture, and other entries and locations	23	91.77	.....	.....	114.65
Original entries under the desert-land act	24	3,000.00	.....	.....	750.00
Final entry under the desert-land act	1	[80.00]	.....	.....	80.00
Homestead entries commuted to cash under section 2301, R. S.	7	[960.00]	.....	.....	1,200.00
Total cash sales	67	3,591.57	.....	.....	5,274.65
Original homestead entries	237	34,663.19	\$1,300.02	\$2,215.00	3,515.02
Final homestead entries	69	[9,548.96]	358.18	.....	358.18
Lands entered with Sioux half-breed scrip, act July 17, 1854	1	40.00	.....	.....	.....
State selections	211	33,712.20	.....	422.00	422.00
Applications to purchase mineral lands	8	.....	.....	80.00	80.00
Mineral protests, adverse claims	1	.....	.....	10.00	10.00
Coal-land declaratory statements	33	.....	.....	99.00	99.00
Valentine scrip filings	1	.....	.....	1.00	1.00
Town-site declaratory statements	1	.....	.....	3.00	3.00
Amount received for reducing testimony to writing .....	.....	.....	.....	178.19	178.19
Total of all classes of entries and amount received therefrom	629	72,006.96	1,658.20	3,008.19	9,941.04
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	3,556.82
Incidental expenses .....	.....	.....	.....	.....	553.53
Expense of depositing public moneys .....	.....	.....	.....	.....	1.25
Total .....	.....	.....	.....	.....	4,111.60

ROSWELL, N. MEX.

Sales of mineral lands	2	40.32	.....	.....	\$205.00
Excess payments on homestead, timber-culture, and other entries and locations	63	167.94	.....	.....	209.99
Original entries under the desert-land act	309	57,250.27	.....	.....	14,312.60
Final entries under the desert-land act	21	[4,470.70]	.....	.....	4,470.70
Homestead entries commuted to cash under section 2301, R. S.	70	[10,528.05]	.....	.....	13,160.06
Total cash sales	465	57,458.53	.....	.....	32,358.35
Original homestead entries	876	133,276.02	\$4,997.83	\$8,425.00	13,422.83
Final homestead entries	58	[7,774.91]	291.56	.....	291.56
State selections	486	77,171.33	.....	972.00	972.00
Applications to purchase mineral lands	2	.....	.....	20.00	20.00
Soldiers' and sailors' homestead declaratory statements	49	.....	.....	147.00	147.00
Coal-land declaratory statements	23	.....	.....	69.00	69.00
Amount received for cancellation notices .....	.....	.....	.....	47.00	47.00
Amount received for reducing testimony to writing .....	.....	.....	.....	740.95	740.95
Total of all classes of entries and amount received therefrom	1,959	267,905.88	5,289.39	10,420.95	48,068.69
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	6,000.00
Incidental expenses .....	.....	.....	.....	.....	1,352.56
Expense of depositing public moneys .....	.....	.....	.....	.....	3.55
Total .....	.....	.....	.....	.....	7,356.11

REPORT OF COMMISSIONER OF GENERAL LAND OFFICE. 261

Statement of the business transacted at the local land offices, etc.—Continued.

SANTA FE, N. MEX.

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Sales of land at public auction	2	125.95	.....	.....	\$157.44
Sales of land by preemption entry	1	160.00	.....	.....	200.00
Sales of mineral lands	16	468.48	.....	.....	2,022.50
Sales of coal lands	6	520.00	.....	.....	8,000.00
Excess payments on homestead, timber-culture, and other entries and locations	39	146.16	.....	.....	186.46
Original entries under the desert-land act	25	3,466.29	.....	.....	866.56
Final entries under the desert-land act	15	[2,481.98]	.....	.....	2,481.98
Homestead entries commuted to cash under section 2301, R. S	17	[2,365.43]	.....	.....	2,956.79
Total cash sales	121	4,886.88	.....	.....	16,871.73
Original homestead entries	389	58,853.52	\$2,349.72	\$3,745.00	6,094.72
Final homestead entries	203	[31,076.47]	1,177.45	.....	1,177.45
State selections	37	54,754.10	.....	74.00	74.00
Small holdings (acts Mar. 3, 1891, and Feb. 21, 1893)	8	447.93	.....	.....	.....
Applications to purchase mineral lands	18	.....	.....	180.00	180.00
Mineral protests, adverse claims	4	.....	.....	40.00	40.00
Soldiers' and sailors' homestead declaratory statements	3	.....	.....	9.00	9.00
Coal-land declaratory statements	137	.....	.....	411.00	411.00
Reservoir declaratory statements	1	.....	.....	3.00	3.00
Amount received for cancellation notices .....	.....	.....	.....	3.00	3.00
Amount received for reducing testimony to writing .....	.....	.....	.....	649.15	649.15
Total of all classes of entries and amount received therefrom	921	118,942.43	3,527.17	5,114.15	25,513.05
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	6,000.00
Incidental expenses .....	.....	.....	.....	.....	2,462.84
Total .....	.....	.....	.....	.....	8,462.84

BISMARCK, N. DAK.

Sales of land at public auction	144	9,568.34	.....	.....	\$19,412.64
Sales of abandoned military reservations, commuted homesteads, and partial payments	2	[1,305.65]	.....	.....	2,184.64
Excess payments on homestead, timber-culture, and other entries and locations	265	948.43	.....	.....	1,965.36
Original entries under the desert-land act	2	360.00	.....	.....	90.00
Homestead entries commuted to cash under section 2301, R. S	544	[84,526.20]	.....	.....	128,804.25
Competitive bids .....	.....	.....	.....	.....	31.25
Total cash sales	957	10,876.77	.....	.....	152,488.14
Original homestead entries	4,150	630,343.67	\$27,274.45	\$40,105.00	67,379.45
Final homestead entries	818	[125,349.96]	5,346.80	.....	5,346.80
Final entries under the timber-culture laws	11	[1,760.00]	.....	44.00	44.00
Lands selected under grants to railroads	901	143,474.05	.....	1,802.00	1,802.00
Soldiers' and sailors' homestead declaratory statements	13	.....	.....	26.00	26.00
Coal land declaratory statements	1	.....	.....	2.00	2.00
Reservoir declaratory statements	465	.....	.....	930.00	930.00
Amount received for cancellation notices .....	.....	.....	.....	666.00	666.00
Amount received for reducing testimony to writing .....	.....	.....	.....	1,536.56	1,536.56
Total of all classes of entries and amount received therefrom	7,316	784,694.49	32,621.25	45,111.56	230,220.95
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	6,000.00
Incidental expenses .....	.....	.....	.....	.....	7,337.39
Expense of depositing public moneys .....	.....	.....	.....	.....	81.75
Total .....	.....	.....	.....	.....	13,419.14

262 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Statement of the business transacted at the local land offices, etc.—Continued.

DEVILS LAKE, N. DAK.

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Sales of land at public auction	49	2, 200. 94	.....	.....	\$2, 863. 41
Sales of timber and stone lands	2	320. 00	.....	.....	800. 00
Sales of coal lands	1	40. 00	.....	.....	800. 00
Excess payments on homestead, timber-culture, and other entries and locations	109	656. 43	.....	.....	820. 25
Original entries under the desert-land act	1	40. 00	.....	.....	10. 00
Homestead entries commuted to cash under section 2301, R. S	1, 820	[257, 342. 84]	.....	.....	321, 655. 20
Competitive bid .....			.....	.....	15. 00
Total cash sales	1, 982	3, 257. 37	.....	.....	326, 963. 86
Original homestead entries	1, 365	160, 925. 32	\$4, 023. 37	\$11, 065. 00	15, 088. 37
Final homestead entries	1, 680	[241, 402. 73]	6, 035. 37	.....	6, 035. 37
Final entries under the timber-culture laws	7	[1, 040. 00]	.....	28. 00	28. 00
State selections	37	5, 703. 30	.....	74. 00	74. 00
Applications to purchase timber and stone lands	2	.....	.....	20. 00	20. 00
Coal land declaratory statements	6	.....	.....	12. 00	12. 00
Amount received for cancellation notices .....	.....	.....	.....	207. 00	207. 00
Amount received for reducing testimony to writing .....	.....	.....	.....	3, 654. 42	3, 654. 42
Total of all classes of entries and amount received therefrom	5, 079	169, 885. 99	10, 058. 74	15, 060. 42	352, 083. 02
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	6, 000. 00
Incidental expenses .....	.....	.....	.....	.....	4, 815. 63
Expense of depositing public moneys .....	.....	.....	.....	.....	237. 40
Total .....	.....	.....	.....	.....	11, 053. 03

FARGO, N. DAK.

Sales of land at public auction	27	1, 152. 12	.....	.....	\$2, 097. 40
Excess payments on homestead, timber-culture, and other entries and locations	11	44. 00	.....	.....	75. 15
Homestead entries commuted to cash under section 2301, R. S	131	[17, 901. 28]	.....	.....	28, 781. 46
Total cash sales	169	1, 196. 12	.....	.....	30, 954. 01
Original homestead entries	234	30, 983. 23	\$1, 270. 35	\$2, 060. 00	3, 330. 35
Final homestead entries	354	[52, 390. 34]	2, 222. 79	.....	2, 222. 79
Final entries under the timber-culture laws	8	[1, 005. 55]	.....	32. 00	32. 00
Final commissions on commuted Indian ceded lands .....	.....	.....	23. 41	.....	23. 41
Amount received for cancellation notices .....	.....	.....	.....	54. 00	54. 00
Amount received for reducing testimony to writing .....	.....	.....	.....	841. 54	841. 54
Total of all classes of entries and amount received therefrom	765	32, 179. 35	3, 516. 55	2, 987. 54	37, 458. 10
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	6, 000. 00
Incidental expenses .....	.....	.....	.....	.....	1, 094. 42
Total .....	.....	.....	.....	.....	7, 094. 42

GRAND FORKS, N. DAK.

Sales of land at public auction	14	751. 01	.....	.....	\$1, 175. 21
Sales of timber and stone lands	2	200. 00	.....	.....	500. 00
Excess payments on homestead, timber-culture, and other entries and locations	7	81. 32	.....	.....	101. 66
Homestead entries commuted to cash under section 2301, R. S	176	[22, 884. 13]	.....	.....	28, 605. 18
Total cash sales	199	1, 032. 33	.....	.....	30, 382. 05
Original homestead entries	108	12, 089. 29	\$303. 79	\$855. 00	1, 158. 79
Final homestead entries	560	[84, 341. 49]	2, 108. 68	.....	2, 108. 68
Final entries under the timber-culture laws	8	[1, 120. 00]	.....	32. 00	32. 00
Applications to purchase timber and stone lands	2	.....	.....	20. 00	20. 00

REPORT OF COMMISSIONER OF GENERAL LAND OFFICE. 263

Statement of the business transacted at the local land offices, etc.—Continued.

GRAND FORKS, N. DAK.—Continued.

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Amount received for cancellation notices.....				\$6.00	\$6.00
Amount received for reducing testimony to writing.....				819.70	819.70
Total of all classes of entries and amount received therefrom.....	877	13,121.62	\$2,412.47	1,732.70	34,527.22
Salaries, fees, and commissions of register and receiver.....					4,897.76
Incidental expenses.....					1,599.97
Expense of depositing public moneys.....					12.65
Total.....					6,510.38

MINOT, N. DAK.

Sales of land at public auction.....	9	480.43			\$873.30
Sales of coal lands.....	11	423.80			8,476.00
Excess payments on homestead, timber-culture, and other entries and locations.....	309	946.02			1,181.67
Original entries under the desert-land act.....	59	8,685.35			2,171.34
Final entries under the desert-land act.....	3	[441.04]			441.04
Homestead entries commuted to cash under section 2301, R. S.....	2,543	[392,639.15]			490,798.77
Competitive bids.....					26.00
Total cash sales.....	2,934	10,535.60			503,968.12
Original homestead entries.....	5,150	788,134.90	\$19,705.60	\$49,945.00	69,650.60
Final homestead entries.....	305	[42,757.86]	1,063.83		1,063.83
Final entries under the timber-culture laws.....	1	[160.00]		4.00	4.00
Soldiers' and sailors' homestead declaratory statements.....	34			68.00	68.00
Coal land declaratory statements.....	179			358.00	358.00
Reservoir declaratory statements.....	8			16.00	16.00
Amount received for cancellation notices.....				347.00	347.00
Amount received for reducing testimony to writing.....				4,453.52	4,453.52
Total of all classes of entries and amount received therefrom.....	8,611	798,670.50	20,769.43	55,191.52	579,929.07
Salaries, fees, and commissions of register and receiver.....					6,000.00
Incidental expenses.....					7,231.34
Total.....					13,231.34

ALVA, OKLA.

Homestead entries commuted to cash under section 2301, R. S.....	104	[14,445.95]			\$15,398.47
Interest payments.....					1,571.66
Total cash sales.....	104	[14,445.95]			16,970.13
Original homestead entries.....	403	50,957.37	\$1,284.01	\$3,440.00	4,724.01
Final homestead entries.....	541	[83,365.57]	2,084.24		2,084.24
Commissions on commuted homesteads (Indian ceded lands).....			376.77		376.77
Soldiers' and sailors' homestead declaratory statements.....	2			4.00	4.00
Amount received for cancellation notices.....				65.00	65.00
Amount received for reducing testimony to writing.....				1,842.34	1,842.34
Total of all classes of entries and amount received therefrom.....	1,050	50,957.37	3,745.02	5,351.34	26,066.49
Salaries, fees, and commissions of register and receiver.....					6,000.00
Incidental expenses.....					1,919.62
Expense of depositing public moneys.....					39.37
Total.....					7,958.99

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Statement of the business transacted at the local land offices, etc.—Continued.

ELRENO, OKLA.

Class of entry.	Num- ber.	Acres.	Commis- sions.	Fees.	Amount.
Homestead entries commuted to cash	1, 412	[208, 065. 48]	.....	.....	\$263, 490. 25
Total cash sales	1, 412	[208, 065. 48]	.....	.....	263, 490. 25
Original homestead entries	460	61, 656. 46	\$1, 541. 31	\$4, 040. 00	5, 581. 31
Final homestead entries	781	[122, 424. 61]	3, 060. 67	.....	3, 060. 67
Final commissions on commuted home- steads (Indian lands) .....	.....	.....	409. 09	.....	409. 09
Soldiers' and sailors' homestead declara- tory statements	3	.....	.....	6. 00	6. 00
Amount received for cancellation notices .....	.....	.....	.....	87. 00	87. 00
Amount received for reducing testimony to writing .....	.....	.....	.....	3, 609. 83	3, 609. 83
Total of all classes of entries and amount received therefrom	2, 656	61, 656. 46	5, 011. 07	7, 742. 83	276, 244. 15
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	6, 000. 00
Incidental expenses .....	.....	.....	.....	.....	5, 592. 57
Expense of depositing public moneys .....	.....	.....	.....	.....	159. 40
Total .....	.....	.....	.....	.....	11, 751. 97

GUTHRIE, OKLA.

Homestead entries commuted to cash under section 2301, R. S.	37	[4, 386. 36]	.....	.....	\$7, 112. 33
Interest payments .....	.....	.....	.....	.....	375. 77
Total cash sales	37	[4, 386. 36]	.....	.....	7, 488. 10
Original homestead entries	53	5, 086. 44	\$127. 87	\$365. 00	492. 87
Final homestead entries	444	[59, 987. 14]	1, 498. 38	.....	1, 498. 38
Commissions on commuted Indian lands .....	.....	.....	171. 25	.....	171. 25
Amount received for cancellation notices .....	.....	.....	.....	12. 00	12. 00
Amount received for reducing testimony to writing .....	.....	.....	.....	1, 383. 16	1, 383. 16
Total of all classes of entries and amount received therefrom	534	5, 086. 44	1, 797. 50	1, 760. 16	11, 045. 76
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	4, 152. 16
Incidental expenses .....	.....	.....	.....	.....	2, 321. 74
Expense of depositing public moneys .....	.....	.....	.....	.....	2. 20
Total .....	.....	.....	.....	.....	6, 476. 10

KINGFISHER, OKLA.

Homestead entries commuted to cash un- der section 2301, R. S.	169	[20, 595. 80]	.....	.....	\$31, 192. 47
Interest payments .....	.....	.....	.....	.....	544. 88
Total cash sales	169	[20, 595. 80]	.....	.....	31, 737. 35
Original homestead entries	998	134, 957. 94	\$3, 374. 94	\$8, 910. 00	12, 284. 94
Final homestead entries	929	[143, 920. 59]	3, 599. 41	.....	3, 599. 41
Commissions on commuted homesteads (Indian ceded lands) .....	.....	.....	786. 70	.....	786. 70
Soldiers' and sailors' homestead declara- tory statements	8	.....	.....	16. 00	16. 00
Amount received for cancellation notices .....	.....	.....	.....	157. 00	157. 00
Amount received for reducing testimony to writing .....	.....	.....	.....	1, 447. 99	1, 447. 99
Total of all classes of entries and amount received therefrom	2, 104	134, 957. 94	7, 761. 05	10, 530. 99	50, 029. 39
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	6, 000. 00
Incidental expenses .....	.....	.....	.....	.....	3, 943. 43
Expense of depositing public moneys .....	.....	.....	.....	.....	40. 65
Total .....	.....	.....	.....	.....	9, 984. 08

Statement of the business transacted at the local land offices, etc.—Continued.

LAWTON, OKLA.

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Homestead entries commuted to cash under section 2301, R. S	1,653	[249,550.95]			\$311,938.92
Total cash sales	1,653	[249,550.95]			311,938.92
Original homestead entries	380	51,457.15	\$1,286.46	\$3,345.00	4,631.46
Soldiers' and sailors' homestead declaratory statements	2			4.00	4.00
Amount received for cancellation notices				54.00	54.00
Amount received for reducing testimony to writing				2,369.67	2,369.67
Total of all classes of entries and amount received therefrom	2,035	51,457.15	1,286.46	5,772.67	318,998.05
Salaries, fees, and commissions of register and receiver					6,000.00
Incidental expenses					5,454.78
Expense of depositing public moneys					221.05
Total					11,675.83

MANGUM, OKLA.

Excess payments on homestead, timber-culture, and other entries and locations. Sales of school and parsonage sites under act Jan. 18, 1897 (29 Stats., 490)	17	124.67			\$155.84
Amount of payments on Greer County lands, sold under act Jan., 1897 (29 Stats., 490)	12	24.00			2.50
Homestead entries commuted to cash under section 2301, R. S	1 {	{ [11,116.93] 160.00 }			4,008.08
Total cash sales	368	[49,057.17]			65,951.97
Original homestead entries	398	308.67			70,118.39
Final homestead entries	982	133,756.39	\$3,344.42	\$8,800.00	12,144.42
Commissions on commuted homesteads (Indian ceded lands)	992	[156,952.10]	3,923.90		3,923.90
Soldiers' and sailors' homestead declaratory statements			555.64		555.64
Amount received for cancellation notices	5			10.00	10.00
Amount received for reducing testimony to writing				220.00	220.00
Total of all classes of entries and amount received therefrom				1,538.60	1,538.60
Total	2,377	134,065.06	7,823.96	10,568.60	88,510.95
Salaries, fees, and commissions of register and receiver					6,000.00
Incidental expenses					2,530.74
Expense of depositing public moneys					77.05
Total					8,607.79

OKLAHOMA, OKLA.

[NOTE.—Office discontinued Mar. 31, 1904, by Executive order dated Jan. 15, 1904.]

Homestead entries commuted to cash under section 2301, R. S	18	[2,075.88]			\$2,943.27
Total cash sales	18	[2,075.88]			2,943.27
Original homestead entries	47	3,502.82	\$87.62	\$280.00	367.62
Final homestead entries	106	[11,903.48]	297.65		297.65
Commissions on commuted homesteads (Indian ceded lands)			49.77		49.77
Amount received for cancellation notices				4.00	4.00
Amount received for reducing testimony to writing				131.87	131.87
Total of all classes of entries and amount received therefrom					
Total	171	3,502.82	435.04	415.87	3,794.18

266 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Statement of the business transacted at the local land offices, etc.—Continued.

OKLAHOMA, OKLA.—Continued.

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Salaries, fees, and commissions of register and receiver.....					\$1,543.53
Incidental expenses.....					959.48
Total					2,503.01
Cash sales, "Absentee Shawnee Indian school lands" (under act Mar. 3, 1903):					
Public auction	2	319.50			10,680.00

WOODWARD, OKLA.

Sales of land at public auction.....	1	40.00			\$50.00
Excess payments on homestead, timber-culture, and other entries and locations..	263	399.53			488.46
Supplemental payment	1				2.00
Homestead entries commuted to cash under section 2301, R. S.	575	[84,365.10]			88,601.37
Interest payments.....					6,043.40
Total cash sales.....	840	439.53			95,185.23
Original homestead entries	6,171	951,785.29	\$23,798.09	\$60,210.00	84,008.09
Final homestead entries	309	[48,047.12]	1,201.25		1,201.25
Commissions on commuted homesteads (Indian ceded lands).....			1,357.68		1,357.68
Soldiers' and sailors' homestead declaratory statements.....	477			954.00	954.00
Amount received for cancellation notices.....				158.00	158.00
Amount received for reducing testimony to writing				1,153.40	1,153.40
Total of all classes of entries and amount received therefrom	7,797	952,224.82	26,357.02	62,475.40	184,017.65
Salaries, fees, and commissions of register and receiver.....					6,000.00
Incidental expenses.....					7,591.24
Expense of depositing public moneys.....					70.90
Total					13,662.14

BURNS, OREG.

Sales of land at public auction	2	240.00			\$312.00
Sales of timber and stone lands	20	2,555.53			6,388.83
Sales of mineral lands.....	3	151.90			379.75
Excess payments on homestead, timber-culture, and other entries and locations..	11	42.57			53.23
Original entries under the desert-land act.	56	9,054.41			2,263.61
Final entries under the desert-land act ..	32	[4,224.77]			4,224.77
Homestead entries commuted to cash under section 2301, R. S.	19	[2,885.59]			3,606.99
Total cash sales.....	143	12,044.41			17,229.18
Original homestead entries	195	28,382.15	\$1,064.05	\$1,825.00	2,889.05
Final homestead entries.....	50	[7,142.47]	267.80		267.80
Wagon-road selections.....	130	20,627.51		260.00	260.00
Applications to purchase mineral lands ..	3			30.00	30.00
Applications to purchase timber and stone lands	20			200.00	200.00
Coal-land declaratory statements	15			45.00	45.00
Reservoir declaratory statement.....	1			3.00	3.00
Amount received for reducing testimony to writing				149.00	149.00
Total of all classes of entries and amount received therefrom	557	61,054.07	1,331.85	2,512.00	21,073.03
Salaries, fees, and commissions of register and receiver.....					3,363.32
Incidental expenses.....					271.20
Expense of depositing public moneys.....					.40
Total					3,634.92

Statement of the business transacted at the local land offices, etc.—Continued.

LA GRANDE, OREG.

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Sales of land at public auction.....	15	1,683.35	.....	.....	\$2,294.19
Sales of timber and stone lands.....	704	103,970.99	.....	.....	259,927.75
Sales of mineral lands.....	16	878.86	.....	.....	3,762.50
Sales of coal lands.....	1	160.00	.....	.....	1,600.00
Excess payments on homestead, timber-culture, and other entries and locations.	48	225.22	.....	.....	322.87
Original entries under the desert-land act.	36	6,121.01	.....	.....	1,530.27
Final entries under the desert-land act....	4	[440.00]	.....	.....	440.00
Homestead entries commuted to cash under section 2301, R. S.....	122	[18,504.27]	.....	.....	23,130.34
Total cash sales.....	946	113,039.43	.....	.....	293,007.92
Original homestead entries.....	593	88,681.49	\$3,536.32	\$5,645.00	9,181.32
Final homestead entries.....	169	[25,458.31]	959.04	.....	959.04
Final entries under the timber-culture laws.....	1	[160.00]	.....	4.00	4.00
Lands selected under grants to railroads.....	3	400.00	.....	6.00	6.00
Military wagon-road selections.....	1	80.00	.....	2.00	2.00
Applications to purchase mineral lands.....	28	.....	.....	280.00	280.00
Applications to purchase timber and stone lands.....	704	.....	.....	7,040.00	7,040.00
Mineral protests, adverse claims.....	7	.....	.....	70.00	70.00
Soldiers' and sailors' homestead declaratory statement.....	1	.....	.....	3.00	3.00
Coal-land declaratory statements.....	24	.....	.....	72.00	72.00
Amount received for cancellation notices.....	.....	.....	.....	16.00	16.00
Amount received for reducing testimony to writing.....	.....	.....	.....	1,000.31	1,000.31
Total of all classes of entries and amount received therefrom.....	2,477	202,200.92	4,495.36	14,138.31	311,641.59
Salaries, fees, and commissions of register and receiver.....	.....	.....	.....	.....	6,000.00
Incidental expenses.....	.....	.....	.....	.....	3,864.89
Expense of depositing public moneys.....	.....	.....	.....	.....	625.10
Total.....	.....	.....	.....	.....	10,489.99
Cash receipts from sales of Umatilla Indian Reservation lands:	.....	.....	.....	.....	.....
Full payments.....	14½	905.96	.....	.....	1,142.43
First payments.....	11½	853.72	.....	.....	361.78
Payments subsequent to first payments.....	[383]	[46,241.53]	.....	.....	25,017.39
Total.....	{ [383] 26 }	{ [46,241.53] 1,759.68 }	.....	.....	26,521.60

LAKEVIEW, OREG.

Sales of land at public auction.....	2	80.00	.....	.....	\$800.00
Sales of land by preemption entry.....	10	1,423.45	.....	.....	1,780.44
Sales of timber and stone lands.....	717	113,825.66	.....	.....	284,564.17
Excess payments on homestead, timber-culture, and other entries and locations.	29	150.17	.....	.....	187.73
Original entries under the desert-land act.	17	2,440.12	.....	.....	610.03
Final entries under the desert-land act....	11	[1,839.76]	.....	.....	1,839.76
Homestead entries commuted to cash under section 2301, R. S.....	49	[7,574.44]	.....	.....	9,468.05
Competitive bid.....	.....	.....	.....	.....	10.00
Total cash sales.....	835	117,919.40	.....	.....	299,260.18
Original homestead entries.....	149	22,859.38	\$857.00	\$1,450.00	2,307.00
Final homestead entries.....	35	[5,449.57]	204.75	.....	204.75
Final entries under the timber-culture laws.....	1	[160.00]	.....	4.00	4.00
Lands selected under grants to railroads.....	117	18,568.84	.....	234.00	234.00
State selections.....	35	5,394.01	.....	70.00	70.00
Military wagon-road selections.....	1	160.00	.....	2.00	2.00
Applications to purchase timber and stone lands.....	717	.....	.....	7,170.00	7,170.00
Amount received for cancellation notices.....	.....	.....	.....	9.00	9.00
Amount received for reducing testimony to writing.....	.....	.....	.....	330.02	330.02
Total of all classes of entries and amount received therefrom.....	1,890	164,901.63	1,061.75	9,269.02	309,590.95

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Statement of the business transacted at the local land offices, etc.—Continued

LAKEVIEW, OREG.—Continued.

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Salaries, fees, and commissions of register and receiver.....	\$6,000.00
Incidental expenses.....	2,389.34
Expense of depositing public moneys.....	1,077.77
Total.....	9,467.11

OREGON CITY, OREG.

Sales of land at public auction.....	3	75.27	.....	.....	\$94.10
Sales of land by preemption entry.....	1	160.00	.....	.....	200.00
Sales of timber and stone lands.....	207	28,816.85	.....	.....	72,042.28
Excess payments on homestead, timber-culture, and other entries and locations.....	51	311.75	.....	.....	435.69
Homestead entries commuted to cash under section 2301, R. S.....	25	[3,467.96]	.....	.....	4,615.00
Total cash sales.....	287	29,363.87	.....	.....	77,387.07
Original homestead entries.....	487	67,301.03	\$2,742.55	\$4,395.00	7,137.55
Final homestead entries.....	90	[12,603.03]	545.26	.....	545.26
Commissions on commuted homesteads (Siletz lands).....	.....	.....	9.60	.....	9.60
Lands entered under the donation act.....	1	320.00	.....	10.00	10.00
Applications to purchase timber and stone lands.....	207	.....	.....	2,070.00	2,070.00
Preemption declaratory statements.....	1	.....	.....	3.00	3.00
Amount received for cancellation notices.....	.....	.....	.....	9.00	9.00
Amount received for reducing testimony to writing.....	.....	.....	.....	1,416.06	1,416.06
Total of all classes of entries and amount received therefrom.....	1,073	96,984.90	3,297.41	7,903.06	88,587.54
Salaries, fees, and commissions of register and receiver.....	.....	.....	.....	.....	6,000.00
Incidental expenses.....	.....	.....	.....	.....	3,162.94
Expense of depositing public moneys.....	.....	.....	.....	.....	32.00
Total.....	.....	.....	.....	.....	9,194.94

ROSEBURG, OREG.

Sales of land at public auction.....	3	68.37	.....	.....	\$105.46
Sales of timber and stone lands.....	1,173	171,437.87	.....	.....	428,595.46
Sales of mineral lands.....	9	662.45	.....	.....	2,187.50
Excess payments on homestead, timber-culture, and other entries and locations.....	182	909.44	.....	.....	1,472.11
Homestead entries commuted to cash under section 2301, R. S.....	86	[12,770.70]	.....	.....	18,062.78
Total cash sales.....	1,453	173,078.13	.....	.....	450,423.31
Original homestead entries.....	768	109,257.61	\$5,466.24	\$7,125.00	12,591.24
Final homestead entries.....	178	[24,326.95]	1,359.08	.....	1,359.08
Lands selected under grants to railroads.....	187	29,646.23	.....	374.00	374.00
Wagon-road selections.....	356	56,841.59	.....	712.00	712.00
Applications to purchase mineral lands.....	8	.....	.....	80.00	80.00
Applications to purchase timber and stone lands.....	1,195	.....	.....	11,950.00	11,950.00
Preemption declaratory statements.....	1	.....	.....	3.00	3.00
Soldiers and sailors' homestead declaratory statements.....	4	.....	.....	12.00	12.00
Coal-land declaratory statement.....	1	.....	.....	3.00	3.00
Amount received for cancellation notices.....	.....	.....	.....	12.00	12.00
Amount received for reducing testimony to writing.....	.....	.....	.....	2,742.28	2,742.28
Total of all classes of entries and amount received therefrom.....	4,151	368,823.56	6,825.32	23,013.28	480,261.91
Salaries, fees, and commissions of register and receiver.....	.....	.....	.....	.....	6,000.00
Incidental expenses.....	.....	.....	.....	.....	5,489.79
Expense of depositing public moneys.....	.....	.....	.....	.....	55.15
Total.....	.....	.....	.....	.....	11,544.94

Statement of the business transacted at the local land offices, etc.—Continued.

THE DALLES, OREG.

Class of entry.	Num-ber.	Acres.	Commis-sioners.	Fees.	Amount.
Sales of land at public auction	104	6, 731. 36	.....	.....	\$9, 844. 62
Sales of timber and stone lands	439	69, 127. 34	.....	.....	172, 813. 56
Sale of mineral lands	1	18. 44	.....	.....	95. 00
Excess payments on homestead, timber-culture, and other entries and locations	88	519. 70	.....	.....	718. 32
Original entries under the desert land act	84	11, 611. 11	.....	.....	2, 902. 81
Final entries under the desert land act	15	[2, 300. 99]	.....	.....	2, 300. 99
Homestead entries commuted to cash under section 2301, R. S	114	[16, 954. 41]	.....	.....	21, 343. 02
Total cash sales	845	88, 007. 95	.....	.....	210, 023. 32
Original homestead entries	848	126, 026. 96	\$5, 134. 07	\$8, 035. 00	13, 169. 07
Final homestead entries	222	[34, 657. 27]	1, 308. 67	.....	1, 308. 67
Final entry under the timber-culture laws	1	[160. 00]	.....	4. 00	4. 00
State selections	353	56, 166. 89	.....	706. 00	706. 00
Application to purchase mineral lands	1	.....	.....	10. 00	10. 00
Applications to purchase timber and stone lands	439	.....	.....	4, 390. 00	4, 390. 00
Coal land declaratory statements	16	.....	.....	48. 00	48. 00
Reservoir declaratory statement	1	.....	.....	3. 00	3. 00
Amount received for cancellation notices .....	.....	.....	.....	50. 00	50. 00
Amount received for reducing testimony to writing .....	.....	.....	.....	1, 709. 65	1, 709. 65
Total of all classes of entries and amount received therefrom	2, 726	270, 201. 80	6, 442. 74	14, 955. 65	231, 421. 71
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	6, 000. 00
Incidental expenses .....	.....	.....	.....	.....	4, 173. 97
Expense of depositing public moneys .....	.....	.....	.....	.....	309. 35
Total .....	.....	.....	.....	.....	10, 483. 32

ABERDEEN, S. DAK.

Sales of land at public auction	99	6, 854. 82	.....	.....	\$9, 078. 64
Excess payments on homestead, timber-culture, and other entries and locations	33	145. 59	.....	.....	182. 01
Homestead entries commuted to cash under section 2301, R. S	121	[18, 072. 82]	.....	.....	22, 591. 03
Total cash sales	253	7, 000. 41	.....	.....	31, 851. 68
Original homestead entries	299	44, 182. 56	\$1, 104. 59	\$2, 835. 00	3, 939. 59
Final homestead entries	200	[30, 754. 50]	768. 84	.....	768. 84
Final entries under the timber-culture laws	2	[320. 00]	.....	8. 00	8. 00
Reservoir declaratory statements	23	.....	.....	46. 00	46. 00
Amount received for cancellation notices .....	.....	.....	.....	23. 00	23. 00
Amount received for reducing testimony to writing .....	.....	.....	.....	794. 19	794. 19
Total of all classes of entries and amount received therefrom	777	51, 182. 97	1, 873. 43	3, 706. 19	37, 431. 30
Salaries, fees, and commissions of register and receiver	4, 381. 66
Incidental expenses	1, 524. 80
Total	5, 906. 46

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Statement of the business transacted at the local land offices, etc.—Continued.

CHAMBERLAIN, S. DAK.

Class of entry.	Number.	Acres.	Commissioners.	Fees.	Amount.
Sales of land at public auction.....	2	78.36			\$97.95
Sales of abandoned military reservations, Fort Randall.....	33	[4,644.65]			5,994.62
Excess payments on homestead, timber- culture, and other entries and locations.....	1	1.13			1.41
Homestead entries commuted to cash under section 2301, R. S.....	353	[50,925.35]			27,226.13
Competitive bid.....					1.00
Total cash sales.....	389	79.49			33,321.11
Original homestead entries.....	1,847	283,203.16	\$7,080.03	\$17,805.00	24,885.03
Final homestead entries.....	28	[4,225.44]	105.65		105.65
Original homestead entries (Sioux Indian Reservation).....	411	55,433.59	1,385.85	3,470.00	4,855.85
Final homestead entries (Sioux Indian Reservation).....	95	[14,938.97]	373.85		373.85
Final commissions on commuted home- steads (Sioux Indian ceded lands).....			849.59		849.59
Soldiers' and sailors' homestead declara- tory statements.....	97			194.00	194.00
Reservoir declaratory statements.....	291			582.00	582.00
Amount received for cancellation notices.....				235.00	235.00
Amount received for reducing testimony to writing.....				2,175.42	2,175.42
Total of all classes of entries and amount received therefrom.....	3,158	338,716.24	9,794.97	24,461.42	67,577.50
Salaries, fees, and commissions of register and receiver.....					6,000.00
Incidental expenses.....					3,351.17
Expense of depositing public moneys.....					23.20
Total.....					9,374.37
Cash sales, Sioux Indian Lands: Commutated homesteads.....	238	33,942.79			28,546.68

HURON, S. DAK.

Sales of land at public auction.....	14	708.46			\$1,152.38
Excess payments on homestead, timber- culture, and other entries and locations.....	7	53.86			67.35
Homestead entries commuted to cash under section 2301, R. S.....	265	[39,949.17]			31,548.86
Total cash sales.....	286	762.32			32,768.59
Original homestead entries.....	258	36,360.78	\$908.85	\$2,350.00	3,258.85
Final homestead entries.....	108	[16,239.17]	405.99		405.99
Final entries under the timber-culture laws.....	4	[640.00]		16.00	16.00
Original homestead entry (Sioux Indian lands).....	1	160.00	4.00	10.00	14.00
Final homestead entries (Sioux Indian lands).....	8	[1,277.66]	31.95		31.95
Commissions on commuted homesteads (Sioux ceded lands).....			24.00		24.00
Soldiers' and sailors' homestead declara- tory statement.....	1			2.00	2.00
Amount received for cancellation notices.....				107.00	107.00
Amount received for reducing testimony to writing.....				1,179.64	1,179.64
Total of all classes of entries and amount received therefrom.....	666	37,283.10	1,374.79	3,664.64	37,808.02
Salaries, fees, and commissions of register and receiver.....					4,334.81
Incidental expenses.....					1,601.00
Total.....					5,935.81
Cash sales, Sioux Indian lands: Commutated homesteads.....	7	[960.32]			740.24

Statement of the business transacted at the local land offices, etc.—Continued.

MITCHELL, S. DAK.

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Sales of land at public auction	7	204.49	.....	.....	\$555.95
Homestead entries commuted to cash under section 2301, R. S.	20	[1,911.42]	.....	.....	4,260.94
Total cash sales	27	204.49	.....	.....	4,816.89
Original homestead entries	58	6,637.76	\$166.53	\$475.00	641.53
Final homestead entries	144	[20,419.25]	510.55	.....	510.55
Final entries under the timber-culture laws	2	[299.06]	.....	8.00	8.00
Amount received for cancellation notices .....	.....	.....	.....	18.00	18.00
Amount received for reducing testimony to writing .....	.....	.....	.....	634.23	634.23
Total of all classes of entries and amount received therefrom	231	6,862.25	677.08	1,135.23	6,629.20
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	2,433.48
Incidental expenses .....	.....	.....	.....	.....	1,545.20
Expense of depositing public moneys .....	.....	.....	.....	.....	1.90
Total .....	.....	.....	.....	.....	3,980.58

PIERRE, S. DAK.

Sales of land at public auction	13	943.54	.....	.....	\$1,181.44
Excess payments on homestead, timber-culture, and other entries and locations	54	350.26	.....	.....	202.26
Homestead entries commuted to cash under section 2301, R. S.	174	[27,343.09]	.....	.....	19,844.59
Total cash sales	241	1,293.80	.....	.....	21,228.29
Original homestead entries	1,393	220,237.47	\$5,502.81	\$13,830.00	19,332.81
Final homestead entries	19	[3,002.91]	75.05	.....	75.05
Final entries under the timber-culture laws	7	[1,120.00]	.....	28.00	28.00
Original homestead entries (Sioux Indian Reservation)	30	4,047.72	103.61	260.00	363.61
Final homestead entries (Sioux Indian Reservation)	22	[3,375.60]	84.26	.....	84.26
Commissions on commuted homesteads (Sioux lands) .....	.....	.....	42.18	.....	42.18
State selections	2	25.04	.....	2.00	2.00
Soldiers' and sailors' homestead declaratory statements	100	.....	.....	200.00	200.00
Reservoir declaratory statements	405	.....	.....	810.00	810.00
Amount received for cancellation notices .....	.....	.....	.....	27.00	27.00
Amount received for reducing testimony to writing .....	.....	.....	.....	894.07	894.07
Total of all classes of entries and amount received therefrom	2,219	225,604.03	5,807.91	16,051.07	43,087.27
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	6,000.00
Incidental expenses .....	.....	.....	.....	.....	2,765.98
Expense of depositing public moneys .....	.....	.....	.....	.....	54.76
Total .....	.....	.....	.....	.....	8,820.74
Cash sales of Sioux Indian lands: Commuted homesteads	13	1,687.21	.....	.....	883.61

RAPID CITY, S. DAK.

Sales of land at public auction	35	2,315.36	.....	.....	\$2,966.23
Sale of land by preemption entry	1	160.00	.....	.....	200.00
Sales of timber and stone lands	12	1,168.35	.....	.....	2,920.88
Sales of mineral lands	102	7,215.85	.....	.....	36,042.50
Excess payments on homestead, timber-culture, and other entries and locations	50	207.48	.....	.....	259.44
Original entries under the desert-land act	154	29,900.55	7,475.19
Final entries under the desert-land act	4	[800.00]	800.00

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Statement of the business transacted at the local land offices, etc.—Continued.

RAPID CITY, S. DAK.—Continued.

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sale of land under act Feb. 18, 1903 (32 Stats., 840).....	1	40.00			\$50.00
Homestead entries commuted to cash under section 2301, R. S.....	19	[2,985.14]			3,502.88
Competitive bid.....					60.00
Total cash sales.....	378	41,007.59			54,277.12
Original homestead entries.....	691	108,596.83	\$2,715.27	\$6,845.00	9,560.27
Final homestead entries.....	156	[24,077.87]	602.02		602.02
Final entries under the timber-culture laws.	8	[1,266.52]		32.00	32.00
Original homestead entries (Sioux Indian Reservation).....	7	979.70	24.50	60.00	84.50
Final homestead entries (Sioux Indian Reservation).....	11	[1,741.23]	43.53		43.53
Final commissions on commuted homesteads (Sioux ceded lands).....			3.94		3.94
Lands entered with Sioux half-breed scrip.	1	160.00			
Applications to purchase mineral lands.....	109			1,090.00	1,090.00
Applications to purchase timber and stone lands.....	12			120.00	120.00
Mineral protests, adverse claims.....	23			230.00	230.00
Preemption declaratory statement.....	1			2.00	2.00
Soldiers' and sailors' homestead declaratory statements.....	2			4.00	4.00
Coal-land declaratory statements.....	2			4.00	4.00
Reservoir declaratory statements.....	6			12.00	12.00
Amount received for reducing testimony to writing.....				660.57	660.57
Total of all classes of entries and amount received therefrom.....	1,407	150,744.12	3,389.26	9,059.57	66,725.95
Salaries, fees and commissions of register and receiver.....					6,000.00
Incidental expenses.....					2,994.37
Total.....					8,994.37
Cash sales, Sioux Indian lands:					
Commuted homestead.....	1	[157.58]			108.20

WATERTOWN, S. DAK.

Sales of land at public auction.....	5	87.82			\$309.20
Excess payments on homestead, timber-culture, and other entries and locations.	1	7.60			9.50
Homestead entries commuted to cash under section 2301, R. S.....	113	[10,753.66]			20,953.23
Total cash sales.....	119	95.42			21,271.93
Original homestead entries.....	136	12,710.72	\$497.13	\$980.00	1,477.13
Final homestead entries.....	290	[41,103.01]	1,853.03		1,853.03
Final entries under the timber-culture laws.	6	[848.30]		24.00	24.00
Commissions on commuted homesteads, ceded Indian lands.....			300.60		300.60
Preemption declaratory statement.....	1			2.00	2.00
Amount received for cancellation notices.....				37.00	37.00
Amount received for reducing testimony to writing.....				964.70	964.70
Total of all classes of entries and amount received therefrom.....	552	12,806.14	2,650.76	2,007.70	25,930.39
Salaries, fees, and commissions of register and receiver.....					4,803.48
Incidental expenses.....					1,578.98
Expense of depositing public moneys.....					5.20
Total.....					6,387.66
Cash sales, Sioux Indian lands:					
Excess.....	1	1.44			1.80
Supplemental payment.....					80.00
Under act Mar. 3, 1863.....	1	40.00			50.00
Total.....	2	41.44			131.80

Statement of the business transacted at the local land offices, etc.—Continued.

SALT LAKE CITY, UTAH.

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of mineral lands.....	150	6,575.42			\$32,757.50
Sales of coal lands.....	6	720.00			14,400.00
Sales of abandoned military reservations, partial payments thereon.....					183.20
Excess payments on homestead, timber- culture, and other entries and locations.....	9	65.15			81.44
Original entries under the desert-land act.....	23	2,297.91			574.48
Final entries under the desert-land act.....	8	[940.61]			941.29
Homestead entries commuted to cash under section 2301, R. S.....	3	[292.56]			365.70
Total cash sales.....	199	9,658.48			49,303.61
Original homestead entries.....	89	13,408.85	\$528.31	\$860.00	1,388.31
Final homestead entries.....	146	[21,540.71]	863.43		863.43
Final entry under the timber-culture laws.....	1	[160.00]		4.00	4.00
Lands selected under grants to railroads.....	1	16.76		2.00	2.00
State selections.....	618	109,698.54		1,236.00	1,236.00
Applications to purchase mineral lands.....	135			1,350.00	1,350.00
Mineral protests, adverse claims.....	33			330.00	330.00
Coal-land declaratory statements.....	192			576.00	576.00
Amount received for cancellation notices.....				8.00	8.00
Amount received for reducing testimony to writing.....				690.08	690.08
Total of all classes of entries and amount received therefrom.....	1,414	132,782.63	1,391.74	5,056.08	55,751.43
Salaries, fees, and commissions of register and receiver.....					6,000.00
Incidental expenses.....					4,227.14
Total.....					10,227.14
Sales of Uintah and White River Ute lands.....	8	720.38			900.48

NORTH YAKIMA, WASH.

Sale of land at public auction.....	1	34.40			\$68.80
Sales of timber and stone lands.....	76	10,756.35			26,891.00
Supplemental payment on mineral lands, entry No. 37.....					2.50
Excess payments on homestead, timber- culture, and other entries and locations.....	26	92.84			232.21
Original entries under the desert-land act.....	97	15,309.18			3,827.54
Final entries under the desert-land act.....	5	[800.06]			800.06
Homestead entries commuted to cash under section 2301, R. S.....	21	[2,993.46]			7,283.65
Sale of land under act June 4, 1897 (30 Stats., p. 36).....	1	6.39			16.00
Total cash sales.....	227	26,199.16			39,121.76
Original homestead entries.....	349	50,634.08	\$3,799.15	\$3,285.00	7,084.15
Final homestead entries.....	44	[6,370.13]	480.00		480.00
Lands selected under grants to railroads.....	162	25,832.34		324.00	324.00
State selections.....	657	104,019.05		1,314.00	1,314.00
Applications to purchase timber and stone lands.....	76			760.00	760.00
Soldiers' and sailors' homestead declara- tory statements.....	2			6.00	6.00
Amount received for cancellation notices.....				30.00	30.00
Amount received for reducing testimony to writing.....				570.89	570.89
Total of all classes of entries and amount received therefrom.....	1,517	206,684.63	4,279.15	6,289.89	49,690.80
Salaries, fees, and commissions of register and receiver.....					6,000.00
Incidental expenses.....					1,329.03
Expense of depositing public moneys.....					27.45
Total.....					7,356.48

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Statement of the business transacted at the local land offices, etc.—Continued.

OLYMPIA, WASH.

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Sale of land at private entry.....	1	11.29			\$45.16
Sales of land at public auction.....	2	64.75			155.06
Sale of land by preemption entry.....	1	148.69			371.50
Sales of timber and stone lands.....	155	19,478.40			48,693.14
Excess payments on homestead, timber-culture, and other entries and locations.....	14	136.73			328.38
Homestead entries commuted to cash under section 2301, R. S.....	26	[3,532.48]			5,553.64
Total cash sales.....	199	19,839.77			55,152.88
Original homestead entries.....	87	11,228.29	\$728.89	\$760.00	1,488.89
Final homestead entries.....	41	[5,833.60]	373.57		373.57
Lands selected under grants to railroads.....	66	10,558.54		132.00	132.00
Applications to purchase timber and stone lands.....	155			1,550.00	1,550.00
Preemption declaratory statement.....	1			3.00	3.00
Coal-land declaratory statements.....	12			36.00	36.00
Amount received for cancellation notices.....				7.00	7.00
Amount received for reducing testimony to writing.....				1,042.86	1,042.86
Total of all classes of entries and amount received therefrom.....	561	41,626.60	1,102.46	3,530.86	59,786.20
Salaries, fees, and commissions of register and receiver.....					5,976.26
Incidental expenses.....					1,521.00
Expense of depositing public moneys.....					26.50
Total.....					7,523.86

SEATTLE, WASH.

Sales of land at public auction.....	3	142.50			\$217.50
Sales of timber and stone lands.....	517	71,587.95			178,970.16
Sales of mineral lands.....	16	937.29			5,025.00
Excess payments on homestead, timber-culture, and other entries and locations.....	19	87.45			114.13
Homestead entries commuted to cash under section 2301, R. S.....	129	[19,001.39]			25,444.41
Sales of town lots, Port Angeles.....	3				120.00
Total cash sales.....	687	72,815.19			209,891.20
Original homestead entries.....	211	28,739.27	\$1,256.78	\$1,925.00	3,181.78
Final homestead entries.....	44	[5,805.45]	246.15		246.15
Lands selected under grants to railroads.....	172	27,238.40		344.00	344.00
Indian allotments.....	39	1,402.80			
Applications to purchase mineral lands.....	15			150.00	150.00
Applications to purchase timber and stone lands.....	517			5,170.00	5,170.00
Mineral protest, adverse claim.....	1			10.00	10.00
Coal-land declaratory statements.....	10			30.00	30.00
Amount received for cancellation notices.....				13.00	13.00
Amount received for reducing testimony to writing.....				1,926.07	1,926.07
Total of all classes of entries and amount received therefrom.....	1,696	130,195.66	1,502.93	9,568.07	220,962.20
Salaries, fees, and commissions of register and receiver.....					6,000.00
Incidental expenses.....					3,566.63
Total.....					9,566.63

SPOKANE, WASH.

Sales of land at public auction.....	36	2,199.05			\$2,748.85
Sales of timber and stone lands.....	120	14,669.41			36,673.59
Sales of mineral lands.....	2	100.56			305.60
Excess payments on homestead, timber-culture, and other entries and locations.....	49	239.43			482.29
Homestead entries commuted to cash under section 2301, R. S.....	161	[22,874.62]			51,763.84
Total cash sales.....	368	17,208.45			91,974.17

Statement of the business transacted at the local land offices, etc.—Continued.

SPOKANE, WASH.—Continued.

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Original homestead entries.....	724	100,966.26	\$6,220.35	\$6,620.00	\$12,840.35
Final homestead entries.....	290	[41,777.33]	2,779.32	.....	2,779.32
Final entries under the timber-culture laws.....	5	[723.18]	.....	20.00	20.00
Original homestead entries (Colville Indian Reservation).....	125	17,050.26	639.87	1,125.00	1,764.87
Final homestead entries (Colville Indian Reservation).....	10	[745.68]	28.31	.....	28.31
State selections.....	177	28,176.43	.....	354.00	354.00
Applications to purchase mineral lands.....	12	.....	.....	120.00	120.00
Applications to purchase timber and stone lands.....	174	.....	.....	1,740.00	1,740.00
Mineral protests, adverse claims.....	2	.....	.....	20.00	20.00
Soldiers' and sailors' homestead declaratory statements.....	2	.....	.....	6.00	6.00
Amount received for cancellation notices.....	.....	.....	.....	78.00	78.00
Amount received for reducing testimony to writing.....	.....	.....	.....	1,654.20	1,654.20
Total of all classes of entries and amount received therefrom.....	1,889	163,401.40	9,667.85	11,737.20	113,379.22
Salaries, fees, and commissions of register and receiver.....	.....	.....	.....	.....	6,000.00
Incidental expenses.....	.....	.....	.....	.....	3,624.72
Total.....	.....	.....	.....	.....	9,624.72
Cash sales, Colville Indian Reservation lands:	.....	.....	.....	.....	.....
Timber and stone.....	54	7,695.57	.....	.....	19,238.95
Mineral.....	12	503.75	.....	.....	2,517.50
Commuted homesteads.....	20	[2,592.53]	.....	.....	3,469.42
Excesses on homestead entries, etc.....	3	26.78	.....	.....	40.18
Additional payments.....	2	[5.92]	.....	.....	8.88
First and second payments.....	[5]	[271.04]	.....	.....	206.56
Total.....	91	{ [2,869.49] 8,226.10 }	.....	.....	25,481.49

VANCOUVER, WASH.

Sales of land at public auction.....	3	160.00	.....	.....	\$200.00
Sales of timber and stone lands.....	308	41,748.98	.....	.....	104,369.98
Sale of coal lands.....	1	160.00	.....	.....	1,600.00
Excess payments on homestead, timber-culture, and other entries and locations.....	40	208.45	.....	.....	315.39
Homestead entries commuted to cash under section 2301, R. S.....	27	[3,783.96]	.....	.....	5,214.20
Total cash sales.....	379	42,277.43	.....	.....	111,699.57
Original homestead entries.....	379	54,177.14	\$2,545.06	\$3,535.00	6,080.06
Final homestead entries.....	69	[9,837.64]	472.05	.....	472.05
Lands selected under grants to railroads.....	56	8,689.59	.....	112.00	112.00
State selections.....	57	9,067.20	.....	114.00	114.00
Indian allotments.....	4	493.00	.....	.....	.....
Applications to purchase timber and stone lands.....	308	.....	.....	3,080.00	3,080.00
Soldiers' and sailors' homestead declaratory statement.....	1	.....	.....	3.00	3.00
Coal land declaratory statements.....	18	.....	.....	54.00	54.00
Amount received for cancellation notices.....	.....	.....	.....	23.00	23.00
Amount received for reducing testimony to writing.....	.....	.....	.....	789.19	789.19
Total of all classes of entries and amount received therefrom.....	1,271	114,704.36	3,017.11	7,710.19	122,426.87
Salaries, fees, and commissions of register and receiver.....	.....	.....	.....	.....	6,000.00
Incidental expenses.....	.....	.....	.....	.....	3,287.36
Expense of depositing public moneys.....	.....	.....	.....	.....	69.00
Total.....	.....	.....	.....	.....	9,356.36

276 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Statement of the business transacted at the local land offices, etc.—Continued.

WALLA WALLA, WASH.

Class of entry.	Number.	Acres.	Commissions.	Fees.	Amount.
Sales of land at public auction.....	37	2, 107. 07	.....	.....	\$3, 425. 85
Sales of timber and stone lands.....	7	680. 00	.....	.....	1, 700. 00
Under act Mar. 3, 1887, section 5.....	1	80. 00	.....	.....	200. 00
Excess payments on homestead, timber-culture, and other entries and locations.....	48	268. 12	.....	.....	492. 24
Original entries under the desert-land act.....	57	9, 998. 90	.....	.....	2, 499. 75
Final entry under the desert-land act.....	1	[69. 39]	.....	.....	69. 39
Timber-culture entry commuted under act Mar. 3, 1891.....	1	[160. 00]	.....	.....	200. 00
Homestead entries commuted to cash under section 2301, R. S.....	189	[27, 597. 19]	.....	.....	55, 830. 27
Total cash sales.....	341	13, 134. 09	.....	.....	64, 417. 50
Original homestead entries.....	642	94, 780. 75	\$5, 854. 10	\$6, 080. 00	11, 934. 10
Final homestead entries.....	172	[25, 210. 70]	1, 491. 97	.....	1, 491. 97
Final entries under the timber-culture laws.....	2	[237. 75]	.....	8. 00	8. 00
Lands selected under grants to railroads.....	1	40. 00	.....	2. 00	2. 00
State selections.....	72	11, 209. 18	.....	144. 00	144. 00
Applications to purchase timber and stone lands.....	7	.....	.....	70. 00	70. 00
Soldiers' and sailors' homestead declaratory statements.....	2	.....	.....	6. 00	6. 00
Coal land declaratory statement.....	1	.....	.....	3. 00	3. 00
Amount received for cancellation notices.....	.....	.....	.....	69. 00	69. 00
Amount received for reducing testimony to writing.....	.....	.....	.....	1, 269. 08	1, 269. 08
Total of all classes of entries and amount received therefrom.....	1, 240	119, 164. 02	7, 346. 07	7, 651. 08	79, 414. 65
Salaries, fees, and commissions of register and receiver.....	.....	.....	.....	.....	6, 000. 00
Incidental expenses.....	.....	.....	.....	.....	2, 447. 09
Expense of depositing public moneys.....	.....	.....	.....	.....	66. 70
Total.....	.....	.....	.....	.....	8, 513. 79

WATERVILLE, WASH.

Sales of land at public auction.....	11	445. 33	.....	.....	\$648. 66
Sales of timber and stone lands.....	142	19, 640. 65	.....	.....	49, 102. 69
Sales of mineral lands.....	6	821. 66	.....	.....	4, 120. 00
Excess payments on homestead, timber-culture, and other entries and locations.....	78	333. 39	.....	.....	483. 29
Original entries under the desert-land act.....	16	1, 992. 14	.....	.....	497. 81
Final entries under the desert-land act.....	5	[360. 23]	.....	.....	360. 23
Homestead entries commuted to cash under section 2301, R. S.....	193	[29, 126. 08]	.....	.....	42, 460. 67
Total cash sales.....	451	23, 233. 17	.....	.....	97, 673. 35
Original homestead entries.....	950	138, 788. 73	\$6, 171. 41	\$8, 890. 00	15, 061. 41
Final homestead entries.....	146	[19, 893. 55]	803. 05	.....	803. 05
Original homestead entries (Colville Indian Reservation).....	86	12, 324. 73	462. 19	795. 00	1, 257. 19
Lands selected under grants to railroads.....	1	40. 81	.....	2. 00	2. 00
State selections.....	19	2, 905. 82	.....	38. 00	38. 00
Applications to purchase mineral lands.....	9	.....	.....	90. 00	90. 00
Applications to purchase timber and stone lands.....	147	.....	.....	1, 470. 00	1, 470. 00
Soldiers' and sailors' homestead declaratory statements.....	2	.....	.....	6. 00	6. 00
Coal land declaratory statements.....	3	.....	.....	9. 00	9. 00
Reservoir declaratory statement.....	1	.....	.....	3. 00	3. 00
Amount received for cancellation notices.....	.....	.....	.....	112. 00	112. 00
Amount received for reducing testimony to writing.....	.....	.....	.....	708. 49	708. 49
Total of all classes of entries and amount received therefrom.....	1, 815	177, 293. 26	7, 436. 65	12, 123. 49	117, 233. 49
Salaries, fees, and commissions of register and receiver.....	.....	.....	.....	.....	6, 000. 00
Incidental expenses.....	.....	.....	.....	.....	2, 373. 76
Expense of depositing public moneys.....	.....	.....	.....	.....	103. 35
Total.....	.....	.....	.....	.....	8, 477. 11

REPORT OF COMMISSIONER OF GENERAL LAND OFFICE. 277

Statement of the business transacted at the local land offices, etc.—Continued.

WATERVILLE, WASH.—Continued.

Class of entry.	Num-ber.	Acres.	Commis-sion.	Fees.	Amount.
Cash sales, Colville Indian Reservation lands:					
Timber and stone	5	403.28	.....	.....	\$1,008.21
Mineral	1	17.72	.....	.....	90.00
Original desert	2	59.35	.....	.....	14.84
Commuted homesteads	11	[1,720.00]	.....	.....	2,580.00
Excesses on homestead entries	9	46.51	.....	.....	69.81
Total	28	{ [1,720.00 526.86] }	.....	.....	3,762.86

ASHLAND, WIS.

Sales of timber and stone lands	54	4,003.79	.....	.....	\$10,009.49
Excess payments on homestead, timber-culture, and other entries and locations	17	125.70	.....	.....	301.41
Homestead entries commuted to cash under section 2301, R. S.	19	[1,583.70]	.....	.....	3,559.28
Total cash sales	90	4,129.49	.....	.....	13,870.18
Original homestead entries	326	41,105.68	\$2,004.30	\$2,815.00	4,819.30
Final homestead entries	83	[9,052.13]	430.08	.....	430.08
Applications to purchase timber and stone lands	54	.....	.....	540.00	540.00
Soldiers' and sailors' homestead declaratory statements	3	.....	.....	6.00	6.00
Amount received for reducing testimony to writing .....	.....	.....	.....	710.38	710.38
Total of all classes of entries and amount received therefrom	556	45,235.17	2,434.38	4,071.38	20,375.94
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	4,968.16
Incidental expenses .....	.....	.....	.....	.....	907.36
Total .....	.....	.....	.....	.....	5,875.52

EAU CLAIRE, WIS.

Sale of land at public auction	1	40.00	.....	.....	\$50.00
Sales of timber and stone lands	9	560.00	.....	.....	1,400.00
Excess payments on homestead, timber-culture, and other entries and locations	14	75.13	.....	.....	115.27
Homestead entries commuted to cash under section 2301, R. S.	38	[2,874.89]	.....	.....	4,241.00
Total cash sales	62	675.13	.....	.....	5,806.27
Original homestead entries	297	24,421.46	\$821.34	\$1,960.00	2,781.34
Final homestead entries	241	[23,807.95]	902.83	.....	902.83
Lands entered with private land scrip, act June 2, 1858	2	80.00	.....	.....	.....
Applications to purchase timber and stone lands	9	.....	.....	90.00	90.00
Amount received for cancellation notices .....	.....	.....	.....	56.00	56.00
Amount received for reducing testimony to writing .....	.....	.....	.....	578.51	578.51
Total of all classes of entries and amount received therefrom	611	25,176.59	1,724.17	2,684.51	10,214.95
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	3,564.79
Incidental expenses .....	.....	.....	.....	.....	1,213.92
Total .....	.....	.....	.....	.....	4,778.71

278 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Statement of the business transacted at the local land offices, etc.—Continued.

WAUSAU, WIS.

Class of entry.	Number.	Acres.	Commission.	Fees.	Amount.
Sales of land at public auction.....	3	120.00			\$155.00
Sales of timber and stone lands.....	47	3, 410.96			8,526.91
Excess payments on homestead, timber culture, and other entries and locations.....	7	55.17			79.37
Homestead entries commuted to cash under section 2301, R. S.....	75	[5, 248.21]			7,210.35
Cash substitution for military bounty land warrant.....	1	[160.00]			200.00
Total cash sales.....	133	3,586.13			16,171.63
Original homestead entries.....	231	15,832.09	\$449.88	\$1,410.00	1,859.38
Final homestead entries.....	219	[20,919.64]	575.89		575.89
Lands entered with private land scrip.....	2	120.00			
Applications to purchase timber and stone lands.....	47			470.00	470.00
Amount received for cancellation notices.....				33.00	33.00
Amount received for reducing testimony to writing.....				1,108.80	1,108.80
Total of all classes of entries and amount received therefrom.....	632	19,538.22	1,025.27	3,021.80	20,218.70
Salaries, fees, and commissions of register and receiver.....					3,960.42
Incidental expenses.....					1,181.02
Expense of depositing public moneys.....					4.60
Total.....					5,146.04

BUFFALO, WYO.

Sales of land at public auction.....	7	400.00			\$500.00
Sales of timber and stone lands.....	65	6,384.07			15,960.18
Sales of coal lands.....	16	1,922.36			38,447.20
Excess payments on homestead, timber culture, and other entries and locations.....	13	54.91			68.66
Original entries under the desert-land act.....	115	18,272.52			4,568.17
Final entries under the desert-land act.....	59	[8,440.39]			8,440.39
Homestead entries commuted to cash under section 2301, R. S.....	41	[6,028.56]			7,535.71
Total cash sales.....	316	27,033.86			75,520.31
Original homestead entries.....	215	30,403.47	\$1,140.13	\$1,975.00	3,115.13
Final homestead entries.....	84	[10,794.37]	404.81		404.81
Final entries under the timber-culture laws.....	2	[320.00]		8.00	8.00
State selections.....	160	25,169.62		320.00	320.00
Applications to purchase coal lands.....	413			1,239.00	1,239.00
Applications to purchase timber and stone lands.....	65			650.00	650.00
Reservoir declaratory statements.....	12			36.00	36.00
Amount received for cancellation notices.....				33.00	33.00
Soldiers' and sailors' homestead declaratory statements.....	4			12.00	12.00
Amount received for reducing testimony to writing.....				607.78	607.78
Total of all classes of entries and amount received therefrom.....	1,271	82,606.95	1,544.94	4,880.78	81,946.03
Salaries, fees, and commissions of register and receiver.....					6,000.00
Incidental expenses.....					1,695.92
Expense of depositing public moneys.....					226.50
Total.....					7,922.42

Statement of the business transacted at the local land offices, etc.—Continued.

CHEYENNE, WYO.

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Sales of land at public auction	4	362.68	.....	.....	\$153.35
Sales of timber and stone lands	47	5,494.97	.....	.....	13,737.36
Sales of mineral lands	35	2,280.10	.....	.....	9,010.00
Sales of coal lands	2	80.00	.....	.....	800.00
Sales of abandoned military reservations ..	4	608.23	.....	.....	760.29
Excess payments on homestead, timber culture, and other entries and locations ..	22	101.16	.....	.....	142.15
Original entries under the desert-land act ..	92	14,897.20	.....	.....	3,724.27
Final entries under the desert-land act	65	[8,669.59]	.....	.....	8,669.59
Homestead entries commuted to cash under section 2301, R. S.	23	[3,364.62]	.....	.....	4,599.85
Total cash sales	294	23,824.34	.....	.....	41,896.86
Original homestead entries	259	36,253.89	\$1,729.86	\$2,380.00	4,109.86
Final homestead entries	113	[14,218.09]	676.68	.....	676.68
Final entries under the timber-culture laws ..	3	[480.00]	.....	12	12.00
State selections	255	40,443.20	.....	510.00	510.00
Applications to purchase mineral lands	33	.....	.....	330.00	330.00
Applications to purchase coal lands	115	.....	.....	345.00	345.00
Applications to purchase timber and stone lands	47	.....	.....	470.00	470.00
Mineral protests, adverse claims	4	.....	.....	40.00	40.00
Amount received for cancellation notices ..	.....	.....	.....	18.00	18.00
Soldiers' and sailors' homestead declaratory statement	1	.....	.....	3.00	3.00
Amount received for reducing testimony to writing .....	.....	.....	.....	529.50	529.50
Total of all classes of entries and amount received therefrom	1,124	100,521.43	2,406.54	4,637.50	48,940.90
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	6,000.00
Incidental expenses .....	.....	.....	.....	.....	2,856.00
Total .....	.....	.....	.....	.....	8,856.00

DOUGLAS, WYO.

Sale of land at public auction	1	157.78	.....	.....	\$197.23
Sales of timber and stone lands	53	4,599.67	.....	.....	11,499.15
Sales of abandoned military reservations ..	2	280.00	.....	.....	350.00
Excess payments on homestead, timber culture, and other entries and locations ..	10	102.71	.....	.....	128.35
Original entries under the desert-land act ..	76	11,384.16	.....	.....	2,846.14
Final entries under the desert-land act	75	[10,913.32]	.....	.....	10,913.32
Homestead entries commuted to cash under section 2301, R. S.	46	[7,052.08]	.....	.....	8,815.10
Total cash sales	263	16,524.32	.....	.....	34,749.29
Original homestead entries	208	31,724.78	\$1,190.06	\$2,010.00	3,200.06
Final homestead entries	77	[11,237.66]	422.05	.....	422.05
Final entries under the timber-culture laws ..	2	[230.04]	.....	8.00	8.00
State selections	11	1,757.82	.....	22.00	22.00
Applications to purchase mineral lands	4	.....	.....	40.00	40.00
Applications to purchase coal lands	18	.....	.....	54.00	54.00
Applications to purchase timber and stone lands	53	.....	.....	530.00	530.00
Reservoir declaratory statements	10	.....	.....	30.00	30.00
Amount received for reducing testimony to writing .....	.....	.....	.....	558.79	558.79
Total of all classes of entries and amount received therefrom	646	50,006.92	1,612.11	3,252.79	39,614.19
Salaries, fees, and commissions of register and receiver .....	.....	.....	.....	.....	4,549.74
Incidental expenses .....	.....	.....	.....	.....	1,542.40
Total .....	.....	.....	.....	.....	6,092.14

280 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Statement of the business transacted at the local land offices, etc.—Continued.

EVANSTON, WYO.

Class of entry,	Num- ber.	Acres.	Commis- sions.	Fees.	Amount.
Sale of land at public auction	1	40.13			\$50.16
Sales of timber and stone land	3	440.31			1,100.78
Sale of mineral lands	1	200.00			500.00
Sales of coal lands	35	5,227.20			104,544.00
Sales of abandoned military reservations under acts of Aug. 23, 1894 (28 Stats., 491), and May 31, 1902 (32 Stats., 283)	12	1,442.56			2,214.27
Excess payments on homestead, timber culture, and other entries and locations	9	65.96			94.76
Original entries under the desert-land act	72	12,074.38			3,018.65
Final entries under the desert-land act	88	[19,072.91]			19,072.91
Homestead entries commuted to cash under section 2301, R. S.	8	[1,193.16]			1,791.45
Total cash sales	229	19,490.54			132,386.98
Original homestead entries	109	15,294.73	\$675.26	\$1,005.00	1,680.26
Final homestead entries	88	[12,658.87]	664.09		664.09
State selections	141	22,445.18		282.00	282.00
Applications to purchase mineral lands	4			40.00	40.00
Applications to purchase coal lands	121			363.00	363.00
Applications to purchase timber and stone lands	3			30.00	30.00
Amount received for reducing testimony to writing				273.74	273.74
Total of all classes of entries and amount received therefrom	695	57,230.45	1,339.35	1,998.74	135,720.07
Salaries, fees, and commissions of register and receiver					5,903.83
Incidental expenses					1,278.91
Expense of depositing public moneys					53.85
Total					7,236.59

LANDER, WYO.

Sale of land at public auction	1	80.00			\$124.00
Sales of timber and stone lands	5	559.61			1,399.07
Sale of mineral lands	1	6.79			35.00
Sale of coal lands	1	78.72			787.20
Excess payments on homestead, timber culture, and other entries and locations	20	91.12			113.93
Original entries under the desert-land act	107	15,710.60			3,927.64
Final entries under the desert-land act	35	[5,080.53]			5,080.53
Homestead entries commuted to cash under section 2301, R. S.	8	[1,280.00]			1,600.00
Total cash sales	178	16,526.84			13,067.37
Original homestead entries	192	27,463.13	\$1,029.93	\$1,765.00	2,794.93
Final homestead entries	69	[8,818.36]	330.79		330.79
State selections	10	1,480.00		20.00	20.00
Applications to purchase mineral lands	2			20.00	20.00
Applications to purchase coal lands	38			114.00	114.00
Applications to purchase timber and stone lands	5			50.00	50.00
Reservoir declaratory statement	1			3.00	3.00
Amount received for cancellation notices				4.00	4.00
Amount received for reducing testimony to writing				239.10	239.10
Total of all classes of entries and amount received therefrom	495	45,469.97	1,360.72	2,215.10	16,643.19
Salaries, fees, and commissions of register and receiver					3,072.10
Incidental expenses					313.28
Total					3,385.38

Statement of the business transacted at the local land offices, etc.—Continued.

SUNDANCE, WYO.

Class of entry.	Num-ber.	Acres.	Commis-sions.	Fees.	Amount.
Sales of land at public auction.....	7	320.00			\$442.00
Sales of timber and stone lands.....	68	8,866.74			22,166.94
Sale of mineral lands.....	1	159.37			400.00
Excess payments on homestead, timber-culture, and other entries and locations..	28	92.31			115.46
Original entries under the desert-land act.	62	10,865.14			2,716.31
Final entries under the desert-land act....	10	[1,759.35]			1,759.35
Homestead entries commuted to cash under section 2301, R. S.....	38	[6,069.95]			7,587.83
Total cash sales.....	214	20,303.56			35,187.89
Original homestead entries.....	289	44,292.72	\$1,662.60	\$2,790.00	4,452.60
Final homestead entries.....	105	[15,678.69]	589.51		589.51
Final entries under the timber-culture laws.	2	[320.00]		8.00	8.00
State selections.....	11	1,760.24		22.00	22.00
Application to purchase mineral lands.....	1			10.00	10.00
Applications to purchase coal lands.....	395			1,185.00	1,185.00
Applications to purchase timber and stone lands.....	67			670.00	670.00
Reservoir declaratory statements.....	6			18.00	18.00
Amount received for cancellation notices.				9.00	9.00
Soldiers' and sailors' homestead declaratory statements.....	12			36.00	36.00
Amount received for reducing testimony to writing.....				478.06	478.06
Total of all classes of entries and amount received therefrom.....	1,102	66,356.52	2,252.11	5,226.06	42,666.06
Salaries, fees, and commissions of register and receiver.....					6,000.00
Incidental expenses.....					1,537.09
Expense of depositing public moneys.....					153.55
Total.....					7,690.64

STATE OF ILLINOIS.

Excess payment on homestead, timber-culture, and other entries and locations..	1	4.90			\$6.12
Homestead entry commuted to cash under section 2301, R. S.....	1	[40.00]			50.00
Total cash sales.....	2	4.90			56.12
Total of all classes of entries and amount received therefrom.....	2	4.90			56.12

282 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Statement showing the total amount of fees and commissions collected at the several local land offices during the fiscal year ended June 30, 1924; also the net revenue arising therefrom, after deducting the amounts earned and paid to registers and receivers as compensation for services rendered during same period.

State, Territory, and office.	Amount of fees and commissions from disposal of public land.	Total.	Amount paid registers and receivers (salaries and commissions).	Total.	Deficit.	Revenue to United States.
Alabama:						
Huntsville	\$5,277.00		\$3,761.82			
Montgomery	7,629.61	\$12,906.61	4,521.96	\$8,283.78	.....	\$4,622.83
Alaska:						
Juneau	364.42	364.42	3,379.23	3,379.23	\$3,014.81	.....
Arizona:						
Prescott	4,488.52		5,226.44			
Tucson	7,826.36	12,314.88	6,000.00	11,226.44	.....	1,088.44
Arkansas:						
Camden	16,569.35		6,000.00			
Dardanelle	9,179.61		4,543.30			
Harrison	21,415.62		6,000.00			
Little Rock	8,426.72	55,591.30	4,812.74	21,356.04	.....	34,235.26
California:						
Eureka	9,213.72		6,000.00			
Independence	1,148.45		1,976.78			
Los Angeles	10,676.95		6,000.00			
Marysville	2,066.45		2,524.01			
Redding	8,911.16		6,000.00			
Sacramento	4,636.86		4,836.40			
San Francisco	10,922.95		6,000.00			
Stockton	4,829.25		4,299.86			
Susanville	4,382.43		5,123.69			
Visalia	3,834.79	60,623.01	3,639.40	46,400.14	.....	14,222.87
Colorado:						
Akron	4,064.57		3,302.78			
Del Norte	1,823.27		2,271.40			
Denver	16,969.35		6,000.00			
Durango	6,214.87		6,000.00			
Glenwood	11,130.94		6,000.00			
Gunnison	1,847.25		2,676.60			
Hugo	12,382.40		6,000.00			
Lamar	5,641.92		5,362.66			
Leadville	1,673.60		2,901.85			
Montrose	6,040.99		5,534.56			
Pueblo	14,829.88		6,000.00			
Sterling	3,027.02	85,646.06	2,718.58	54,768.43	.....	30,877.63
Florida:						
Gainesville	25,471.40	25,471.40	6,000.00	6,000.00	.....	19,471.40
Idaho:						
Blackfoot	9,575.64		6,000.00			
Boise	19,511.72		6,000.00			
Coeur d'Alene	15,839.00		6,000.00			
Hailey	6,167.54		3,963.22			
Lewiston	19,589.15	70,683.05	6,000.00	27,963.22	.....	42,719.83
Iowa:						
Des Moines	1,032.62	1,032.62	2,019.00	2,019.00	986.38	.....
Kansas:						
Colby	4,677.79		3,695.02			
Dodge City	13,793.34		6,000.00			
Topeka	477.83		1,346.10			
Wakeeney	10,008.17	28,957.13	5,480.22	16,521.34	.....	12,435.79
Louisiana:						
Natchitoches	6,040.75		5,323.69			
New Orleans	8,151.16	14,191.91	6,000.00	11,323.69	.....	2,868.22
Michigan:						
Marquette	7,556.42	7,556.42	6,000.00	6,000.00	.....	1,556.42
Minnesota:						
Cass Lake	11,988.97		6,000.00			
Crookston	32,749.98		6,000.00			
Duluth	35,305.58		6,000.00			
St. Cloud	6,070.73	86,065.26	4,774.98	22,774.93	.....	63,290.28
Mississippi:						
Jackson	10,642.74	10,642.74	5,848.53	5,818.53	.....	4,794.21

REPORT OF COMMISSIONER OF GENERAL LAND OFFICE. 283

Statement showing the total amount of fees and commissions collected at the several local land offices, etc.—Continued.

State, Territory, and office.	Amount of fees and commissions from disposal of public land.	Total.	Amount paid registers and receivers (salaries and commissions).	Total.	Deficit.	Revenue to United States.
Missouri:						
Boonville	\$3,138.25		\$2,575.22			
Ironton	2,957.28		2,518.02			
Springfield.....	7,554.55		4,860.58			
		\$13,650.08		\$9,953.82		\$3,696.26
Montana:						
Bozeman.....	14,251.09		6,000.00			
Great Falls.....	15,627.04		6,000.00			
Helena	6,132.87		6,000.00			
Kalispell.....	5,469.68		6,000.00			
Lewistown.....	7,950.17		6,000.00			
Miles City.....	9,728.52		6,000.00			
Missoula.....	6,449.01		6,000.00			
		65,608.38		42,000.00		23,608.38
Nebraska:						
Alliance	13,058.95		5,991.18			
Broken Bow.....	11,926.97		5,382.74			
Lincoln	759.73		1,453.25			
McCook.....	4,621.85		2,998.74			
North Platte.....	10,248.51		5,550.32			
O'Neill.....	11,961.13		6,000.00			
Sidney.....	9,301.36		4,357.09			
Valentine.....	12,396.56		6,000.00			
		74,275.06		37,733.32		36,541.74
Nevada:						
Carson City	5,924.25		5,664.26			
		5,924.25		5,664.26		259.99
New Mexico:						
Clayton	13,177.26		6,000.00			
Las Cruces.....	4,666.39		3,556.82			
Roswell.....	15,710.34		6,000.00			
Santa Fe.....	8,641.32		6,000.00			
		42,195.31		21,556.82		20,638.49
North Dakota:						
Bismarck.....	77,732.81		6,000.00			
Devils Lake.....	25,119.16		6,000.00			
Fargo.....	6,504.09		6,000.00			
Grand Forks.....	4,145.17		4,897.76			
Minot.....	75,960.95		6,000.00			
		189,462.18		28,897.76		160,564.42
Oklahoma:						
Alva	9,096.36		6,000.00			
Elreno	12,753.90		6,000.00			
Guthrie	3,557.66		4,152.16			
Kingfisher.....	18,292.04		6,000.00			
Lawton	7,059.13		6,000.00			
Mangum	18,392.56		6,000.00			
Oklahoma.....	850.91		1,543.53			
Woodward.....	88,832.42		6,000.00			
		158,834.98		41,695.69		117,139.29
Oregon:						
Burns	3,843.85		3,363.32			
La Grande.....	18,633.67		6,000.00			
Lakeview.....	10,330.77		6,000.00			
Oregon City.....	11,200.47		6,000.00			
Roseburg.....	29,838.60		6,000.00			
The Dalles.....	21,398.39		6,000.00			
		95,245.75		33,363.32		61,882.43
South Dakota:						
Aberdeen.....	5,579.62		4,381.66			
Chamberlain.....	34,256.39		6,000.00			
Huron	5,039.43		4,334.81			
Mitchell.....	1,812.31		2,433.48			
Pierre.....	21,858.98		6,000.00			
Rapid City.....	12,448.83		6,000.00			
Watertown.....	4,658.46		4,803.48			
		85,654.02		33,953.43		51,700.59
Utah:						
Salt Lake City.....	6,447.82		6,000.00			
		6,447.82		6,000.00		447.82
Washington:						
North Yakima.....	10,569.04		6,000.00			
Olympia.....	4,633.32		5,976.36			
Seattle.....	11,071.00		6,600.00			
Spokane.....	21,405.05		6,000.00			
Vancouver.....	10,727.30		6,000.00			
Walla Walla.....	14,997.15		6,000.00			
Waterville.....	19,560.14		6,000.00			
		92,963.00		41,976.36		50,986.64

284 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Statement showing the total amount of fees and commissions collected at the several local land offices, etc.—Continued.

State, Territory, and office.	Amount of fees and commissions from disposal of public land.	Total.	Amount paid registers and receivers (salaries and commissions).	Total.	Deficit.	Revenue to United States.
Wisconsin:						
Ashland	\$6,505.76		\$4,968.16			
Eau Claire	4,408.68		3,564.79			
Wausau	4,047.07		3,960.42			
		\$14,961.51		\$12,493.37		\$2,468.14
Wyoming:						
Buffalo	6,425.72		6,000.00			
Cheyenne	7,044.04		6,000.00			
Douglas	4,864.90		4,549.74			
Evanston	3,333.09		5,903.83			
Lander	3,575.82		3,072.10			
Sundance	7,478.17		6,000.00			
		32,721.74		31,525.67		1,196.07
		1,349,990.89		590,678.64	\$4,001.19	763,313.44
Deduct amount of deficit						4,001.19
Total net revenue to the United States						759,312.25

Recapitulation, by States and Territories, of the disposal of the public lands and abandoned military reservations during the fiscal year ended June 30, 1900, the areas, and the amount received therefrom, and the expenses connected therewith.

[The areas of commuted homesteads, final homesteads, and final desert entries, and the area and amount of Indian land and other areas in brackets, are not included in the grand aggregate.]

State or Territory.	Sales of lands subject to private entry.			Sales of lands at public auction.			Sales of lands subject to preemption entry.		
	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.
Arkansas				1	40.00	\$50.00			
California				86	5,279.88	7,352.91	1	160.00	\$200.00
Colorado				59	3,268.05	4,609.97			
Florida	2	159.95	\$199.94	3	160.08	210.50			
Idaho				19	636.63	915.04			
Kansas				60	3,593.01	4,711.29	1	[160.00]	
Louisiana	1	109.76	137.20						
Michigan	1	36.70	45.88						
Minnesota	2	56.55	70.69	3	93.74	117.18			
Mississippi	1	[80.00]	100.00						
Missouri	288	21,933.87	27,694.97						
Montana				128	8,653.38	12,483.88	56	7,463.20	9,529.02
Nebraska				92	5,775.33	7,839.41			
New Mexico				3	165.95	207.44	1	160.00	200.00
North Dakota				243	14,152.84	26,421.96			
Oklahoma				1	40.00	50.00			
Oregon				129	8,878.35	13,450.37	11	1,583.45	1,980.44
South Dakota				175	11,192.85	15,341.79	1	160.00	200.00
Washington	1	11.29	45.16	93	5,153.10	7,464.72	1	148.60	371.50
Wisconsin				4	160.00	205.00			
Wyoming				21	1,360.59	1,766.74			
Total	296	22,308.12	28,293.84	1,120	68,603.78	103,198.20	72	9,675.25	12,480.96

Recapitulation, by States and Territories, of the disposal of the public lands and abandoned military reservations, etc.—Continued.

State or Territory.	Sales of timber and stone lands.			Sales of mineral lands.			Original entries under the desert-land act.		
	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.
Alabama	2	239.26	\$598.15	.....	.....	.....	.....	.....	.....
Alaska .....	.....	.....	.....	16	1,129.61	\$5,197.50	.....	.....	.....
Arizona .....	.....	.....	.....	127	10,174.91	44,292.50	32	5,074.27	\$1,268.56
Arkansas	132	12,707.05	31,767.71	125	14,442.78	36,240.00	.....	.....	.....
California	914	137,920.04	344,819.52	168	11,960.36	42,429.70	552	96,126.08	24,031.67
Colorado	338	43,613.23	109,033.23	690	15,365.42	67,913.77	412	70,740.42	17,685.49
Florida	26	2,613.42	6,533.58	.....	.....	.....	.....	.....	.....
Idaho	1,022	140,971.69	352,879.28	82	4,601.60	18,820.00	469	69,151.86	17,288.41
Louisiana	100	11,454.04	28,637.66	.....	.....	.....	.....	.....	.....
Michigan	167	12,273.19	30,683.03	.....	.....	.....	.....	.....	.....
Minnesota	1,440	195,953.27	489,890.28	.....	.....	.....	.....	.....	.....
Montana	338	43,874.46	109,696.15	163	6,888.71	27,088.54	1,425	256,429.71	64,078.74
Nebraska	1	97.20	243.00	.....	.....	.....	.....	.....	.....
Nevada	3	240.00	600.00	61	2,581.87	12,952.50	11	2,360.94	590.25
New Mexico .....	.....	.....	.....	29	998.60	4,557.50	406	72,833.37	18,208.36
North Dakota	4	520.00	1,300.00	.....	.....	.....	62	9,085.35	2,271.34
Oregon	3,260	489,734.24	1,224,337.05	29	1,711.65	6,424.75	193	29,226.65	7,306.72
South Dakota	12	1,168.35	2,920.88	102	7,215.85	36,042.50	154	29,900.55	7,475.19
Utah .....	.....	.....	.....	150	6,575.42	32,757.50	23	2,297.91	574.48
Washington	1,325	178,561.74	446,403.56	24	1,919.51	9,453.10	170	27,300.22	6,825.10
Wisconsin	110	7,974.75	19,936.40	.....	.....	.....	.....	.....	.....
Wyoming	241	26,345.37	65,863.48	38	2,646.26	9,945.00	524	83,204.00	20,801.18
Total	9,435	1,306,261.30	3,266,142.96	1,804	88,182.55	354,064.86	4,433	753,731.33	188,405.49

State or Territory.	Final entries under the desert-land act.			Homestead entries commuted to cash under section 2301, R. S.			Timber - culture entries commuted under act of March 3, 1891.		
	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.
Alabama .....	.....	.....	.....	134	[13,677.80]	\$17,097.48	.....	.....	.....
Arizona	14	[2,271.67]	\$2,271.67	59	[8,820.02]	11,275.04	.....	.....	.....
Arkansas .....	.....	.....	.....	200	[22,864.25]	28,580.73	.....	.....	.....
California	68	[12,358.75]	12,358.76	122	[16,545.89]	21,582.40	.....	.....	.....
Colorado	75	[13,290.13]	13,290.11	153	[21,637.06]	27,346.33	.....	.....	.....
Florida .....	.....	.....	.....	145	[17,914.89]	22,393.47	.....	.....	.....
Idaho	190	[26,100.25]	26,108.27	249	[32,367.90]	46,947.09	.....	.....	.....
Illinois .....	.....	.....	.....	1	[40.00]	50.00	.....	.....	.....
Kansas .....	.....	.....	.....	70	[8,775.23]	11,519.05	.....	.....	.....
Louisiana .....	.....	.....	.....	245	[26,439.64]	43,769.78	.....	.....	.....
Michigan .....	.....	.....	.....	71	[7,730.63]	9,663.30	.....	.....	.....
Minnesota .....	.....	.....	.....	579	[75,672.75]	97,621.71	.....	.....	.....
Mississippi .....	.....	.....	.....	160	[14,365.60]	18,054.52	.....	.....	.....
Missouri .....	.....	.....	.....	3	[163.00]	203.75	.....	.....	.....
Montana	779	[140,987.01]	140,987.01	360	[52,918.73]	72,684.41	.....	.....	.....
Nebraska .....	.....	.....	.....	330	[35,944.71]	57,043.93	1	[160.00]	\$200.00
Nevada	1	[320.00]	320.00	5	[798.70]	998.40	.....	.....	.....
New Mexico	39	[7,432.68]	7,432.68	131	[19,640.42]	24,540.52	.....	.....	.....
North Dakota	3	[441.04]	441.04	5,214	[775,293.60]	998,644.86	.....	.....	.....
Oklahoma .....	.....	.....	.....	4,336	[632,542.69]	786,629.05	.....	.....	.....
Oregon	62	[8,805.52]	8,805.52	415	[62,164.37]	80,226.18	.....	.....	.....
South Dakota	4	[800.00]	800.00	1,065	[151,940.65]	129,927.66	.....	.....	.....
Utah	8	[940.61]	941.29	3	[292.56]	365.70	.....	.....	.....
Washington	11	[1,229.68]	1,229.68	746	[108,939.18]	193,553.68	1	[160.00]	200.00
Wisconsin .....	.....	.....	.....	132	[9,706.80]	15,010.63	.....	.....	.....
Wyoming	332	[53,936.09]	53,936.09	164	[24,988.37]	31,929.94	.....	.....	.....
Total	1,586	[268,913.43]	268,922.12	15,092	[2,142,185.44]	2,747,659.61	2	[320.00]	400.00

286 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Recapitulation, by States and Territories, of the disposal of the public lands and abandoned military reservations, etc.—Continued.

State or Territory.	Excesses on homestead, timber-culture, and other entries.			Sales of coal lands.			Sales of town sites.		
	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.
Alabama	183	226.10	\$283.56	.....	.....	.....	.....	.....	.....
Alaska	1	.05	.06	.....	.....	.....	.....	.....	.....
Arizona	46	146.91	199.89	.....	.....	.....	1	78.55	\$98.20
Arkansas	399	2,037.95	2,549.00	.....	.....	.....	.....	.....	.....
California	282	1,408.66	2,190.20	.....	.....	.....	.....	.....	.....
Colorado	218	691.15	977.16	97	18,415.13	\$196,551.30	.....	.....	.....
Florida	660	552.58	692.56	.....	.....	.....	.....	.....	.....
Idaho	227	1,092.06	1,547.70	.....	.....	.....	1	60.00	225.00
Illinois	1	4.90	6.12	.....	.....	.....	.....	.....	.....
Iowa	2	21.66	54.16	.....	.....	.....	.....	.....	.....
Kansas	84	161.10	266.84	.....	.....	.....	.....	.....	.....
Louisiana	225	587.43	902.94	.....	.....	.....	.....	.....	.....
Michigan	13	70.68	88.36	.....	.....	.....	.....	.....	.....
Minnesota	426	3,007.53	3,815.10	.....	.....	.....	.....	.....	.....
Mississippi	204	733.75	1,130.04	.....	.....	.....	.....	.....	.....
Missouri	28	144.57	191.25	.....	.....	.....	.....	.....	.....
Montana	204	969.71	1,473.36	12	1,040.21	18,404.20	.....	.....	.....
Nebraska	309	1,225.74	1,646.77	.....	.....	.....	.....	.....	.....
Nevada	13	30.88	44.93	.....	.....	.....	.....	.....	.....
New Mexico	183	575.56	723.24	7	560.00	8,800.00	.....	.....	.....
North Dakota	701	2,676.20	4,144.09	12	463.80	9,276.00	.....	.....	.....
Oklahoma	280	524.20	644.30	.....	.....	.....	.....	.....	.....
Oregon	409	2,158.85	3,189.95	1	160.00	1,600.00	.....	.....	.....
South Dakota	146	765.92	721.97	.....	.....	.....	.....	.....	.....
Utah	9	65.15	81.44	6	720.00	14,400.00	.....	.....	.....
Washington	274	1,366.41	2,447.93	1	160.00	1,600.00	.....	.....	.....
Wisconsin	38	256.00	496.05	.....	.....	.....	.....	.....	.....
Wyoming	102	508.17	663.31	54	7,308.28	144,578.40	.....	.....	.....
Total	5,667	22,009.87	31,172.28	190	28,827.42	395,209.90	2	138.55	323.20

State or Territory.	Receipts from sales of abandoned military reservations.			Cash substitution.			Supplemental payments.		
	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.
Alabama .....	.....	.....	.....	2	[239.37]	\$299.23	.....	.....	.....
Arizona	3	[462.76]	\$771.76	1	[160.00]	200.00	.....	.....	.....
Arkansas .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colorado .....	.....	.....	.....	.....	.....	.....	.....	0.30	\$0.38
Florida	11	[1,475.85]	1,022.09	.....	.....	.....	1	.....	1.25
Idaho	49	[5,297.77]	3,233.87	.....	.....	.....	1	.71	2.66
Iowa .....	.....	.....	.....	6	[720.00]	800.00	.....	.....	.....
Kansas .....	.....	.....	.....	1	[160.00]	200.00	.....	.....	.....
Louisiana	1	[155.50]	194.45	3	[390.36]	449.10	3	{ [178.14] .78 }	25.89
Michigan .....	.....	.....	.....	2	[331.76]	414.70	.....	.....	.....
Minnesota .....	.....	.....	.....	1	[160.00]	200.00	1	.....	1.00
Mississippi .....	.....	.....	.....	1	[120.00]	150.00	1	.....	1.00
Missouri .....	.....	.....	.....	2	[280.00]	350.00	.....	.....	.....
Montana	[9]	[1,000.00]	558.00	.....	.....	.....	.....	.....	.....
Nebraska	32	[4,462.59]	9,259.63	.....	.....	.....	.....	.....	.....
North Dakota	2	[1,305.65]	2,184.64	.....	.....	.....	.....	.....	.....
Oklahoma .....	.....	.....	.....	.....	.....	.....	1	.....	2.00
South Dakota	33	[4,644.65]	5,994.62	.....	.....	.....	.....	.....	.....
Utah .....	.....	.....	183.20	.....	.....	.....	.....	.....	.....
Wisconsin .....	.....	.....	.....	1	[160.00]	200.00	.....	.....	.....
Wyoming	18	2,330.79	3,324.56	.....	.....	.....	.....	.....	.....
Total	149	{ [18,804.81] 2,330.79 }	26,726.82	20	[2,721.49]	3,263.03	8	{ [178.14] 1.79 }	34.18

Recapitulation, by States and Territories, of the disposal of the public lands and abandoned military reservations, etc.—Continued.

State or Territory.	Sales of land under act of Mar. 2, 1895 (28 Stats., 814).			Sales of land under act of May 14, 1898 (30 Stats., 409).			Sales of land under act of Aug. 31, 1852 (10 Stats., 143).		
	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.
Alabama	1	[80.04]	\$109.05	8	216.90	\$542.26			
Alaska							5	360.35	\$450.44
Arkansas	4	[637.15]	350.25						
Mississippi									
Total	5	[717.19]	459.30	8	216.90	542.26	5	360.35	450.44

State or Territory.	Sales of land under act of Feb. 28, 1899 (30 Stats., 910).			Sales of land under act of Sept. 30, 1890 (26 Stats., 502).			Sales of land under act of Mar. 3, 1887 (24 Stats., 556).		
	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.
California	1	20.14	\$25.18	1	51.55	\$64.45	7	3,074.16	\$2,797.00
Colorado							1	160.49	
Louisiana							2	80.00	200.00
Minnesota							2	[79.20]	
Nebraska							1	80.00	200.00
Washington									
Total	1	20.14	25.18	1	51.55	64.45	13	{ [79.20] 3,394.65 }	3,197.00

State or Territory.	Sales of land under act of Feb. 12, 1896 (29 Stats., 6).			Sales of land under act of June 2, 1858 (11 Stats., 294).			Sales of land under act of May 31, 1902 (32 Stats., 283).		
	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.
Iowa	1	160.00	\$215.22						
Louisiana				3	120.00	\$150.00			
Nebraska							1	720.00	\$1,440.00
Total	1	160.00	215.22	3	120.00	150.00	1	720.00	1,440.00

State or Territory.	Competitive bids.			Interest payments.			Sales and payments on land under act of Jan. 18, 1897 (29 Stats., 490).		
	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.
Michigan	3		\$185.00						
Montana			1.00						
North Dakota			72.25						
Oklahoma						\$8,535.71	13	{ [11,116.93] 184.00 }	\$4,010.58
Oregon			10.00						
South Dakota			61.00						
Total	3		329.25			8,535.71	13	{ [11,116.93] 184.00 }	4,010.58

State or Territory.	Sales of land under act of Feb. 18, 1903 (32 Stats., 840).			Sales of land under act of June 4, 1897 (30 Stats., 36; L.D., 31-225).			Sales of town lots.		
	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.	En-tries.	Acres.	Amount.
South Dakota ..	1	40.00	\$50.00						
Washington				1	6.39	\$16.00	3	Port Angeles.	\$120.00
Total	1	40.00	50.00	1	6.39	16.00	3	Port Angeles.	120.00

Recapitulation, by States and Territories, of the disposal of the public lands and abandoned military reservations, etc.—Continued.

State or Territory.	Total cash sales, 1904.		
	Entries.	Acres.	Amount received.
Alabama	322	465.36	\$18,387.47
Alaska	25	1,346.56	5,739.82
Arizona	282	15,474.64	60,177.62
Arkansas	863	29,588.13	99,837.88
California	2,201	255,949.32	457,787.34
Colorado	2,043	152,145.25	437,472.19
Florida	848	3,486.03	31,053.39
Idaho	2,309	216,514.55	467,967.32
Illinois	2	4.90	56.12
Iowa	9	181.66	1,069.38
Kansas	216	3,754.11	16,697.18
Louisiana	582	12,432.50	74,267.02
Michigan	257	12,380.57	41,080.27
Minnesota	2,454	199,191.09	591,915.96
Mississippi	371	733.75	19,785.81
Missouri	321	22,078.44	28,439.97
Montana	3,465	325,319.38	456,934.31
Nebraska	768	7,818.27	77,672.74
Nevada	94	5,213.69	15,506.08
New Mexico	799	75,263.48	64,669.74
North Dakota	6,241	26,898.19	1,044,756.18
Oklahoma	4,631	748.20	799,871.64
Oregon	4,509	533,453.19	1,347,330.98
South Dakota	1,693	50,443.52	199,535.61
Utah	199	9,658.48	49,303.61
Washington	2,652	214,707.26	669,930.43
Wisconsin	285	8,390.75	35,848.08
Wyoming	1,494	123,703.46	332,808.70
Total	39,935	2,307,344.73	7,445,902.84

State or Territory.	Original entries of lands under the homestead laws.					Final homestead entries.		
	En-tries.	Acres.	Commis-sions.	Fees.	Total fees and commis-sions.	En-tries.	Acres.	Commis-sions.
Alabama	1,006	93,013.66	\$2,315.76	\$7,005.00	\$9,320.76	749	[76,470.72]	\$1,912.93
Alaska	20	424.09	16.56	100.00	116.56	20	[424.09]	16.61
Arizona	452	62,032.88	2,428.55	4,060.00	6,488.55	130	[18,092.15]	788.60
Arkansas	4,197	467,944.43	11,786.88	32,840.00	44,626.88	1,573	[186,747.22]	4,716.06
California	1,829	266,317.64	11,570.84	17,245.00	28,815.84	777	[112,639.07]	5,019.55
Colorado	2,825	420,035.01	17,615.66	26,820.00	44,435.66	739	[106,678.69]	4,446.21
Florida	1,913	247,451.72	6,191.37	16,485.00	22,676.37	464	[53,556.94]	1,339.87
Idaho	3,128	420,774.98	17,512.31	27,475.00	44,987.31	1,121	[160,319.10]	6,773.61
Iowa	5	377.03	12.67	35.00	47.67	7	[409.97]	20.56
Kansas	1,678	252,680.48	8,011.53	16,060.00	24,071.53	300	[43,182.04]	1,542.03
Louisiana	940	76,559.87	2,321.26	6,245.00	8,566.26	528	[53,132.82]	1,575.85
Michigan	353	34,132.80	838.52	2,545.00	3,383.52	146	[16,024.82]	400.61
Minnesota	4,908	608,831.12	15,882.05	41,750.00	57,632.05	1,775	[197,308.68]	5,693.64
Mississippi	827	68,517.19	1,750.02	5,515.00	7,265.02	796	[78,238.08]	2,011.57
Missouri	1,059	95,202.74	2,529.56	7,265.00	9,794.56	799	[78,727.05]	2,123.17
Montana	2,492	362,882.38	18,572.31	23,393.00	41,965.31	974	[141,978.71]	7,388.54
Nebraska	4,726	1,310,712.56	19,260.74	45,785.00	65,045.74	818	[120,783.14]	3,431.04
Nevada	162	24,589.13	1,303.35	1,570.00	2,873.35	2	[316.61]	18.00
New Mexico	2,215	339,190.77	12,861.64	21,450.00	34,311.64	529	[79,850.10]	3,006.61
North Dakota	11,007	1,622,476.41	52,577.56	104,030.00	156,607.56	3,717	[546,242.38]	16,777.47
Oklahoma	9,494	1,393,159.86	34,844.72	89,390.00	124,234.72	4,102	[626,600.61]	15,665.50
Oregon	3,040	412,508.02	18,800.23	28,475.00	47,275.23	744	[109,637.60]	4,644.60
South Dakota	5,131	772,570.29	19,493.17	48,920.00	68,413.17	1,081	[161,155.61]	4,854.72
Utah	89	13,408.85	528.31	860.00	1,388.31	146	[21,540.71]	863.43
Washington	3,553	508,659.51	27,677.80	33,015.00	60,692.80	816	[115,474.08]	6,674.42
Wisconsin	854	81,359.23	3,275.02	6,185.00	9,460.02	543	[53,779.72]	1,908.80
Wyoming	1,272	185,432.72	7,427.84	11,925.00	19,352.84	536	[73,406.04]	3,087.93
Total	69,175	10,171,265.97	317,406.23	626,443.00	943,849.23	23,932	[3,232,716.75]	106,701.93

Recapitulation, by States and Territories, of the disposal of public lands and abandoned military reservations, etc.—Continued.

State or Territory.	Final timber-culture entries.			Lands entered with military bounty land warrants.			Lands entered with agricultural college scrip.		
	Entries.	Acres.	Fees.	Entries.	Acres.	Fees.	Entries.	Acres.	Fees.
Alabama				14	1,279.99	\$32.00			
Arkansas				113	13,038.48	326.00	6	960.00	\$24.00
California	4	[531.42]	\$16.00						
Colorado	107	[17,024.37]	428.00						
Florida				1	160.00	4.00			
Idaho	3	[400.00]	12.00						
Kansas	170	[27,047.40]	680.00						
Louisiana				48	4,261.73	107.00			
Michigan				5	675.75	17.00			
Minnesota	5	[360.00]	16.00	4	520.00	13.00			
Mississippi				108	12,108.49	303.50			
Montana	7	[852.00]	28.00	1	120.00	3.00			
Nebraska	76	[11,894.46]	304.00						
North Dakota ..	35	[5,085.55]	140.00						
Oregon	3	[480.00]	12.00						
South Dakota ..	29	[4,493.88]	116.00						
Utah	1	[160.00]	4.00						
Washington	7	[960.93]	28.00						
Wyoming	9	[1,350.04]	36.00						
Total	456	[70,640.05]	1,820.00	294	32,164.44	805.50	6	960.00	24.00

State or Territory.	Lands entered with private land scrip.			State selections.			Railroad selections.		
	Entries.	Acres.	Fees.	Entries.	Acres.	Fees.	Entries.	Acres.	Fees.
Arizona				2	320.00	\$4.00	977	156,217.54	\$1,954.00
Arkansas	96	4,467.30					7	891.97	14.00
California				664	89,703.23	1,328.00	2,180	347,258.62	4,360.00
Colorado				363	57,509.88	726.00	6,258	1,000,215.15	12,516.00
Florida				19	1,814.78	38.00			
Idaho				1,082	170,865.71	1,952.00	304	47,268.72	608.00
Kansas							8	1,194.51	16.00
Louisiana	34	1,472.28		5	598.34	10			
Michigan	1	80.00							
Minnesota	18	818.15		594	93,805.43	1,186.00	13	625.53	26.00
Mississippi	21	842.27							
Montana				102	15,930.75	204.00	2,189	348,742.12	4,378.00
Nevada							1,168	186,665.24	2,336.00
New Mexico				823	186,428.75	1,646.00			
North Dakota ..				37	5,703.30	74.00	901	143,474.05	1,802.00
Oregon				388	61,560.90	776.00	307	48,615.07	614.00
South Dakota ..				2	25.04	2			
Utah				618	109,698.54	1,236.00	1	16.76	2.00
Washington				982	155,377.68	1,964.00	458	72,399.68	916.00
Wisconsin	4	200.00							
Wyoming				588	93,056.06	1,176.00			
Total	174	7,880.00		6,269	1,042,398.39	12,322.00	14,771	2,353,584.96	29,542.00

State or Territory.	Wagon-road selections.			Indian allotments.			Swamp lands patented.		
	Entries.	Acres.	Fees.	Entries.	Acres.	Amount.	Entries.	Acres.	Fees.
Arkansas								74.22	
California				16	2,143.62			24,840.88	
Florida								33,183.10	
Idaho				4	330.77				
Iowa								393.70	
Michigan				4	240.00			30.95	
Minnesota								194,172.42	
Missouri								23.38	
Oregon	488	77,709.10	\$976.00					6,488.58	
Washington				43	1,895.80				
Total	488	77,709.10	976.00	67	4,610.19			259,207.23	

290 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Recapitulation, by States and Territories, of the disposal of the public lands and abandoned military reservations, etc.—Continued.

State or Territory.	Lands entered with Val-entine scrip.			Commissions on commuted homesteads (Indian lands).			Land entered with Dodge scrip.		
	En-tries.	Acres.	Fees.	En-tries.	Acres.	Fees.	En-tries.	Acres.	Fees.
Arizona	1	40.00	\$1.00	.....	.....	.....	.....	.....	.....
California	1	40.00	1.00	.....	.....	.....	.....	.....	.....
Colorado .....	.....	.....	.....	.....	.....	\$30.60	.....	.....	.....
Idaho .....	.....	.....	.....	.....	.....	415.06	.....	.....	.....
Michigan .....	.....	.....	.....	.....	.....	.....	1	40.00	\$1.00
Minnesota .....	.....	.....	.....	.....	.....	763.27	.....	.....	.....
Montana .....	.....	.....	.....	.....	.....	551.07	.....	.....	.....
Nebraska .....	.....	.....	.....	.....	.....	95.16	.....	.....	.....
North Dakota .....	.....	.....	.....	.....	.....	23.41	.....	.....	.....
Oklahoma .....	.....	.....	.....	.....	.....	3,706.90	.....	.....	.....
Oregon .....	.....	.....	.....	.....	.....	9.60	.....	.....	.....
South Dakota .....	.....	.....	.....	.....	.....	1,220.31	.....	.....	.....
Total	2	80.00	2.00	.....	.....	6,815.38	1	40.00	1.00

State or Territory.	Red Lake and Pembina scrip locations.			Sioux half-breed scrip.			Small holdings.		
	En-tries.	Acres.	Fees.	En-tries.	Acres.	Fees.	En-tries.	Acres.	Fees.
Minnesota	2	480.00	.....	3	200.00	.....	.....	.....	.....
New Mexico .....	.....	.....	.....	1	40.00	.....	8	447.93	.....
South Dakota .....	.....	.....	.....	1	160.00	.....	.....	.....	.....
Total	2	480.00	.....	5	400.00	.....	8	447.93	.....

State or Territory.	Lands entered under dona-tion act.			Total miscellaneous entries.		
	Entries.	Acres.	Amount.	Entries.	Acres.	Amount received.
Alabama	1,769	94,293.65	\$11,265.69
Alaska	40	424.09	133.17
Arizona	1,562	218,610.42	9,236.15
Arkansas	5,992	487,376.40	49,706.94
California	5,471	730,303.99	39,540.39
Colorado	10,232	1,477,760.04	62,582.47
Florida	2,397	282,609.60	24,058.24
Idaho	5,642	639,240.18	54,747.98
Iowa	12	770.73	68.23
Kansas	2,156	253,874.99	26,309.56
Louisiana	1,555	82,892.22	10,259.11
Michigan	510	35,199.50	3,802.13
Minnesota	7,322	899,452.65	65,329.96
Mississippi	1,752	81,467.95	9,580.09
Missouri	1,858	95,226.12	11,917.73
Montana	5,765	727,675.25	54,517.92
Nebraska	5,620	1,310,712.56	68,875.94
Nevada	1,332	211,254.37	5,227.35
New Mexico	3,576	526,097.45	38,964.25
North Dakota	15,697	1,771,653.76	175,424.44
Oklahoma	13,596	1,393,159.86	143,607.12
Oregon	1	320.00	\$10.00	4,971	637,202.27	54,317.43
South Dakota	6,244	772,755.33	74,606.20
Utah	855	123,124.15	3,493.74
Washington	5,859	738,362.67	70,275.22
Wisconsin	1,401	81,559.23	11,368.82
Wyoming	2,405	278,488.78	23,652.77
Total	1	320.00	10.00	115,651	13,951,548.21	1,102,869.04

Recapitulation, by States and Territories, of the disposal of the public lands and abandoned military reservations, etc.—Continued.

State or Territory.	Preemption filings.		Homestead filings.		Coal filings.		Reservoir filings.		Valentine scrip filings.	
	Num-ber.	Fees.	Num-ber.	Fees.	Num-ber.	Fees.	Num-ber.	Fees.	Num-ber.	Fees.
Alabama.....			1	\$2.00						
Arizona.....	1	\$3.00	1	3.00			2	\$6.00	2	\$2.00
Arkansas.....			5	10.00	3	\$6.00				
California.....			4	12.00	6	18.00	1	3.00		
Colorado.....	200	600.00	8	24.00	1,058	3,174.00	40	120.00		
Florida.....			1	2.00						
Idaho.....			4	12.00	14	42.00	2	6.00		
Kansas.....	32	64.00	25	50.00			9	18.00		
Minnesota.....			13	26.00						
Mississippi.....			1	2.00						
Missouri.....			6	12.00						
Montana.....	59	177.00	12	36.00	129	387.00	6	18.00		
Nebraska.....			185	370.00			11	22.00		
Nevada.....					2	6.00				
New Mexico.....			53	159.00	193	579.00	2	6.00	1	1.00
North Dakota.....			47	94.00	186	372.00	473	946.00		
Oklahoma.....			497	994.00						
Oregon.....	2	6.00	5	15.00	56	168.00	2	6.00		
South Dakota.....	2	4.00	200	400.00	2	4.00	725	1,450.00		
Utah.....					192	576.00				
Washington.....	1	3.00	9	27.00	14	132.00	1	3.00		
Wisconsin.....			3	6.00						
Wyoming.....			17	51.00	1,100	3,300.00	29	87.00		
Total.....	297	857.00	1,097	2,307.00	2,985	8,764.00	1,303	2,691.00	3	3.00

State or Territory.	Mineral appli-cations.		Mineral pro-tests.		Applications for timber and stone lands.		Cancellat-ion fees.	Fees re-ceived for reducing testi-mony to writing.
	Num-ber.	Fees.	Num-ber.	Fees.	Num-ber.	Fees.	Amount.	
Alabama.....					2	\$20.00	\$64.00	\$1,554.92
Alaska.....	13	\$130.00	8	\$80.00				21.25
Arizona.....	156	1,560.00	20	200.00			25.00	1,279.73
Arkansas.....	87	870.00	1	10.00	131	1,310.00	85.00	3,593.36
California.....	169	1,690.00	12	120.00	910	9,100.00	43.00	10,096.62
Colorado.....	662	6,620.00	92	920.00	414	4,140.00	340.00	7,125.59
Florida.....					26	260.00	22.00	1,129.16
Idaho.....	71	710.00	2	20.00	1,020	10,200.00	61.00	4,881.07
Iowa.....								964.39
Kansas.....							111.00	2,404.57
Louisiana.....					100	1,000.00	122.00	2,810.80
Michigan.....					167	1,670.00	30.00	2,054.29
Minnesota.....					1,439	14,390.00	422.00	5,897.30
Mississippi.....							21.00	1,039.65
Missouri.....							79.00	1,641.35
Montana.....	175	1,750.00	17	170.00	337	3,370.00	174.00	5,008.46
Nebraska.....					1	10.00	270.00	4,727.12
Nevada.....	48	480.00	2	20.00	3	30.00		160.90
New Mexico.....	28	280.00	5	50.00			51.00	2,102.06
North Dakota.....					4	40.00	1,380.00	11,305.74
Oklahoma.....							757.00	13,476.86
Oregon.....	40	400.00	7	70.00	3,282	32,820.00	96.00	7,347.32
South Dakota.....	109	1,090.00	23	230.00	12	120.00	447.00	7,302.82
Utah.....	135	1,350.00	33	330.00			8.00	690.08
Washington.....	36	360.00	3	30.00	1,384	13,840.00	332.00	7,960.78
Wisconsin.....					110	1,100.00	89.00	2,397.69
Wyoming.....	44	440.00	4	40.00	240	2,400.00	64.00	2,686.97
Total.....	1,773	17,730.00	229	2,290.00	9,582	95,820.00	4,993.00	111,660.85

Recapitulation, by States and Territories, of the disposal of the public lands and abandoned military reservations, etc.—Continued.

State or Territory.	Total miscellaneous filings and fees.		Total amount of fees and commissions from disposal of public lands.	Aggregate of all classes of entries, area of lands disposed of, and receipts from all sources.		
	Number.	Amount.	Amount.	Entries.	Acres.	Amount.
Alabama.....	3	\$1,640.92	\$12,906.61	2,094	94,759.01	\$31,294.08
Alaska.....	21	231.25	364.42	86	1,770.65	6,104.24
Arizona.....	182	3,078.73	12,314.88	2,026	234,085.06	72,492.50
Arkansas.....	227	5,884.36	55,591.30	7,082	516,964.53	155,429.18
California.....	1,102	21,082.62	60,623.01	8,774	986,253.31	518,410.35
Colorado.....	2,474	23,063.59	85,646.06	14,809	1,629,905.29	523,118.25
Florida.....	27	1,413.16	25,471.40	3,272	286,095.63	56,524.79
Idaho.....	1,114	15,935.07	70,683.05	9,065	855,754.73	538,650.37
Illinois.....				2	4.90	56.12
Iowa.....		964.39	1,032.62	21	952.39	2,102.00
Kansas.....	66	2,647.57	28,957.13	2,438	257,629.10	45,654.31
Louisiana.....	100	3,932.80	14,191.91	2,237	95,324.72	88,458.93
Michigan.....	167	3,754.29	7,556.42	934	47,580.07	48,636.69
Minnesota.....	1,452	20,735.30	86,065.26	11,228	1,098,643.74	677,981.22
Mississippi.....	1	1,062.65	10,642.74	2,124	82,201.70	30,428.55
Missouri.....	6	1,732.35	13,650.08	2,185	117,304.56	42,090.05
Montana.....	735	11,090.46	65,608.38	9,965	1,052,994.63	522,542.69
Nebraska.....	197	5,399.12	74,275.06	6,585	1,318,520.83	151,947.80
Nevada.....	55	696.90	5,924.25	1,481	216,468.06	21,430.33
New Mexico.....	283	3,231.06	42,195.31	4,658	601,360.93	106,865.05
North Dakota.....	710	14,037.74	189,462.18	22,648	1,798,551.95	1,234,218.36
Oklahoma.....	497	15,227.86	158,834.98	18,724	1,393,908.06	958,706.62
Oregon.....	3,394	40,928.32	95,245.75	12,874	1,170,655.46	1,442,576.73
South Dakota.....	1,073	11,047.82	85,654.02	9,010	823,198.85	285,189.63
Utah.....	360	2,954.08	6,447.82	1,414	132,782.63	55,751.43
Washington.....	1,478	22,687.78	92,963.00	9,989	953,069.93	762,893.43
Wisconsin.....	113	3,592.69	14,961.51	1,799	89,949.98	50,809.59
Wyoming.....	1,434	9,068.97	32,721.74	5,333	402,192.24	365,530.44
Total.....	17,271	247,121.85	1,349,990.89	172,857	16,258,892.94	8,795,893.73

State or Territory.	Expenses incident to the disposals of public lands.			
	Salaries and commissions of registers and receivers.	Incidental expenses.	Expense of depositing.	Total expenses.
Alabama.....	\$8,283.78	\$3,323.26	\$5.65	\$11,612.69
Alaska.....	3,379.23	815.51		4,194.74
Arizona.....	11,226.44	2,370.94	105.75	13,703.13
Arkansas.....	21,356.04	6,372.00	12.45	27,740.49
California.....	46,400.14	15,672.16	160.30	62,232.60
Colorado.....	54,768.43	15,439.05	122.25	70,329.73
Florida.....	6,000.00	4,996.60	24.25	11,020.85
Idaho.....	27,963.22	12,015.70	183.75	40,162.67
Iowa.....	2,019.00	97.94		2,116.94
Kansas.....	16,521.34	4,856.94	22.85	21,401.13
Louisiana.....	11,323.69	5,834.55	10.75	17,168.99
Michigan.....	6,000.00	2,219.14		8,219.14
Minnesota.....	22,774.98	14,434.44	79.88	37,289.30
Mississippi.....	5,848.53	3,440.60	17.20	9,306.33
Missouri.....	9,953.82	1,828.82	39.20	11,821.84
Montana.....	42,000.00	18,043.12	94.45	60,137.57
Nebraska.....	37,733.32	7,707.83	94.47	45,535.62
Nevada.....	5,664.26	6.96	57.10	5,728.32
New Mexico.....	21,556.82	5,918.85	4.80	27,480.47
North Dakota.....	28,897.76	22,078.75	331.80	51,308.31
Oklahoma.....	41,695.69	30,313.60	610.62	72,619.91
Oregon.....	33,363.32	19,352.13	2,099.77	54,815.22
South Dakota.....	33,953.43	15,361.50	85.06	49,399.99
Utah.....	6,000.00	4,227.14		10,227.14
Washington.....	41,976.36	18,149.59	293.00	60,418.95
Wisconsin.....	12,493.37	3,302.30	4.60	15,800.27
Wyoming.....	31,525.67	9,223.60	433.90	41,183.17
Total.....	590,678.64	247,403.02	4,893.85	842,975.51

Number and class of final and original entries and selections made during the fiscal year ended June 30, 1904; also the amount of cash for same, and increase or decrease as compared with the year ended June 30, 1903.

Class of entry.	Num- ber of entries.	Number of acres.	Cash receipts.			Increase as compared with 1903.				Decrease as compared with 1903.			
			Sales.	Fees and commissions.	Num- ber of entries.	Number of acres.	Cash sales.	Fees and commis- sions.	Num- ber of entries.	Number of acres.	Cash sales.	Fees and commis- sions.	
<i>Final entries.</i>													
Private	296	22,308.12	\$28,293.84					38	6,591.28	\$8,283.52			
Public auction	1,120	68,603.78	103,198.20		154	9,545.24	\$12,451.13						
Preemption	72	9,675.25	12,480.96					32	4,525.32	5,549.90			
Timber and stone	9,435	1,306,261.30	3,266,142.96					2,814	458,961.13	1,147,768.95			
Mineral	1,804	88,182.55	354,064.86					180	8,864.09	17,418.51			
Desert land	1,586	268,913.43	268,922.12		34	4,379.81	4,389.97						
Commuted homesteads	15,092	2,142,185.44	2,747,659.61					111	52,806.25	127,133.76			
Timber-culture entries com- muted	2	320.00	400.00										
Excesses on homestead and other entries	5,667	22,009.87	31,172.28					8	1,000.00	1,250.00			
Coal lands	190	28,827.42	395,209.90					69	666.84	1,406.31			
Town sites	2	138.55	33.20					62	9,180.46	103,787.10			
Supplemental payments	8	179.93	34.18		3	54.59		7	972.47	2,032.45			
Abandoned military reserva- tions	149	21,135.60	26,726.82		111	15,460.22	12,355.85						
Cash substitutions	20	2,721.49	3,263.03		8	1,323.26	1,327.84						
Under sundry acts	53	17,187.30	10,620.43					84	3,782.11	61,896.04			
Competitive bids	3		329.25		3		136.25						
Town lots	3		120.00					7		920.00			
Interest payments			8,535.71				697.29						
Cash payments on college selec- tions													
Homesteads	23,932	3,232,716.75		\$106,701.93				2		300.00			
Timber culture	456	70,640.05		1,820.00				2,441	344,247.39				\$10,607.03
Military bounty land warrants	294	32,164.41		805.50	54	4,267.46		698	103,563.18				2,792.57
Scrip locations under sundry acts	190	9,840.00		27.00									
Land entered under donation act	1	320.00		10.00				24	2,920.50				11.00
Commissions on final and com- muted homesteads								2	437.59				15.00
Indian allotments	67	4,610.19		6,815.38									
Small holdings	8							13	1,968.01				1,429.33
Swamp lands patented		259,207.23						46	6,909.74				
								2,650	540.65				
Indian lands	60,450	7,608,596.62	7,257,497.35	116,179.81	367	35,030.58	31,358.33	93.50	6,638	3,659,937.01	1,477,884.71	14,854.93	
	1,825	{ 88,860.22 } { 146,929.01 }	{ 333,757.62 }				24,818.48		127	15,236.70			
Total	62,275	7,844,385.85	7,591,254.97	116,179.81	367	35,030.58	56,176.81	93.50	6,765	3,675,173.71	1,477,884.71	14,854.93	

Number and class of final and original entries and selections made during the fiscal year ended June 30, 1904, etc.—Continued.

Class of entry.	Cash receipts.			Increase as compared with 1903.			Decrease as compared with 1903.				
	Number of acres.	Sales.	Fees and commissions.	Number of entries.	Number of acres.	Cash sales.	Fees and Commissions.	Number of entries.	Number of acres.	Cash sales.	Fees and commissions.
<i>Original entries.</i>											
Desert land.....	4,433							1,470	272,094.44	\$68,041.96	
Homestead.....	69,175							11,013	1,021,834.28		\$172,554.33
Timber culture.....								2	316.18		28.00
Total.....	73,608							12,485	1,294,264.90	68,041.96	172,582.33
<i>Railroad, State, and wagon-road selections.</i>											
Railroad.....	14,771							9,469	1,510,597.28		18,936.00
State under the several acts.....	6,269							3,678	472,892.84		7,546.00
Wagon road.....	488			227	36,525.59		\$454.24				
Total.....	21,528			227	36,525.59		454.24	13,147	1,983,490.12		26,482.00
<i>Filing and miscellaneous fees.</i>											
Filing fees and mineral adverse claims.....	17,271							3,358			31,631.00
Fees for reducing testimony to writing, etc.....											2,154.07
Total.....	17,271							3,358			33,785.07
RECAPITULATION BY TOTALS.											
Final entries.....	62,275			367	35,030.58	\$56,176.81	93.50	6,765	3,675,173.71	1,477,884.71	14,854.93
Original entries.....	73,608							12,485	1,294,264.90	68,041.96	172,582.33
Railroad, State, and wagon-road selections.....	21,528			227	36,525.59		454.24	13,147	1,983,490.12		26,482.00
Filing and miscellaneous fees.....	17,271							3,358			33,785.07
Deduct total of increase.....	174,682			594	71,556.17	56,176.81	547.74	35,755	6,952,928.73	1,545,926.67	247,704.33
Net total of decrease.....								594	71,556.17	56,176.81	547.44
								35,161	6,881,372.56	1,489,749.86	247,156.89

Entries originated and completed within the year embrace 2,007,132.20 acres. Entries originating in former years and heretofore so reported, but completed during the fiscal year 1904, embrace 5,837,233.65 acres; total acreage of final entries, 7,844,385.85. Net decrease in number of final entries, 6,398; decrease in area of final entries, 3,640,143.13 acres; net decrease of original entries, 12,485; decrease of area, 1,294,264.90 acres.

N.—MINERAL DIVISION.

The following shows the condition of work June 30, 1903, work received during the year, work done during the year, and condition of work at close of the fiscal year ended June 30, 1904:

CONTESTS.

Pending June 30, 1903 (unexamined, 77; examined but not closed, 64)	141
Received during year	83
	<hr/> 224
Closed during year	102
	<hr/> 122
Pending June 30, 1904 (unexamined, 25; examined but not closed, 97)	122

QUASI CONTESTS.

Pending June 30, 1903 (unexamined, 74; examined but not closed, 80)	154
Received during year	277
	<hr/> 431
Closed during year	204
	<hr/> 227
Pending June 30, 1904 (unexamined, 76; examined but not closed, 151) . .	227

MINERAL ENTRIES.

Pending June 30, 1903 (unexamined, 2,475; examined and suspended, 492)	2,967
Received during year	1,821
	<hr/> 4,788
Approved for patenting during year	2,591
Canceled during year	42
	<hr/> 2,633
Pending June 30, 1904 (unexamined, 1,221; examined and suspended, 934)	2,155

COAL ENTRIES.

Pending June 30, 1903 (unexamined, 48; examined and suspended, 81)	129
Received during year	210
	<hr/> 339
Approved for patenting during year	172
	<hr/> 167
Pending June 30, 1904 (unexamined, 63; examined and suspended, 104) . .	167

AGRICULTURAL ENTRIES.

Pending June 30, 1903	250
Received during year	344
	<hr/> 594
Examined and referred during year	340
	<hr/> 254
Pending June 30, 1904	254

LISTS OF SELECTIONS (RAILROAD AND STATE).

Received, examined, and referred during year	acres. 6,426,571.47
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BONDS OF UNITED STATES MINERAL SURVEYORS.

Received, examined, and approved during year.....	189
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LETTERS.

Received during year.....	13,769
Written during year.....	8,356

MISCELLANEOUS WORK PERFORMED.

Coal declaratory statements canceled	990
Classification of lands submitted for approval and approved, approximately.....acres..	436,480
Cases referred to the Department.....	186
Cases referred to board of equitable adjudication.....	5
Hearings ordered	160
Pages official copy written	11,062
Mineral applications (final proof not made) examined	68
Mineral applications (final proof not made) canceled.....	48

P.—SPECIAL SERVICE DIVISION.

This division is charged with the duty of protecting the public lands from unlawful entry or appropriation and from timber and other trespasses. It supervises the work of a force of special agents employed for this purpose, prepares instructions to them covering their duties, and refers to them such cases of alleged violations of the laws relating to the public lands as may require investigation. It considers their reports when received, initiates and carries to conclusion all proceedings looking to the cancellation of fraudulent entries, and prepares cases for reference to the Department of Justice to procure cancellation of fraudulently obtained patents, to recover damages for trespasses, to compel removal of unlawful inclosures and obstructions, and to punish violators of the criminal laws relating to the public lands. It has charge of all matters relating to the timber upon unreserved public lands, and, since March, 1904, to all matters relating to soldiers' additional applications under sections 2306 and 2307 of the Revised Statutes.

During the past year an average of 63 special agents were employed in this work under the supervision of a force of clerks in this division averaging 26 in number.

The following shows the condition of the work in this division on June 30, 1903, the work received and disposed of during the year, and the condition of the work on June 30, 1904:

LETTERS.	
Received during year.....	22, 040
Referred.....	1, 523
Personal letters requiring answer pending.....	None.
Written during year.....	18, 673
Pages of press copy books.....	29, 480

REPORTS.	
Pending June 30, 1903.....	2, 513
Received during year.....	10, 538
	<hr/> 13, 051
Disposed of during year.....	11, 791
	<hr/>
Pending June 30, 1904.....	1, 260

UNLAWFUL INCLOSURES.		
	Number.	Acres.
Cases reported.....	137	1, 353, 567
Inclosures reported removed.....	39	717, 505
Being removed or action pending to compel removal.....	98	636, 062

TIMBER DEPREDACTIONS.	
Cases reported during year.....	347
Value of timber unlawfully taken:	
Stumpage.....	\$141, 883. 25
Recoverable to Government.....	\$337, 515. 43
Criminal suits recommended.....	100
Civil suits recommended.....	48
Amount involved in civil suits recommended.....	\$33, 548. 09
Propositions of settlement accepted.....	68

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(The suits recommended, propositions of settlement accepted, and sales of timber made were based, in part, upon reports made prior to the beginning of the last fiscal year, which are not included in this report.)

Amounts recovered during year:

From accepted propositions of settlement	\$53,398.40
From sales of timber, etc	9,668.43
From compromise of suits (through Department of Justice)	25,773.90
From judgments (through Department of Justice)	11,371.40
From fines (through Department of Justice)	5,899.46

Total 106,111.59

Suits disposed of (reported by Department of Justice):

Criminal	153
Civil	77

Suits pending (reported by Department of Justice):

Criminal	324
Civil	125

Amount involved in civil suits pending \$2,009,863.30

Contests:

ALLEGED FRAUDULENT ENTRIES.

Pending June 30, 1903	78
Received during year	204
	282
Closed during year	131
Referred during year	7
	138
Pending June 30, 1904—	
Examined	95
Unexamined	49
	144

Entries pending June 30, 1903..... 18,341

Received during year..... 10,224

28,565

Disposed of during year 10,108

Pending June 30, 1904..... 18,457

Referred to agents for investigation during year 4,308

Held for cancellation or suspended during year 1,290

Hearings ordered during year 540

To Secretary on appeal during year..... 98

Suits recommended to set aside patents during year 25

Classification of entries received during year, disposed of during year, and pending June 30, 1904.

	Received.	Approved.	Canceled.	Relieved from suspension.	Referred.	Pending.
Soldiers' additional:						
Applications	2,110	99	237	346	682	2,501
Entries	369	140	4		144	225
Substitutes	8					8
Homesteads:						
Originals	2,410	17	785	572	1,374	3,933
Finals	512	41	26	241	308	1,975
Cash	595	104	54	88	246	1,807
Desert land:						
Originals	152	6	29		35	196
Finals	95	2	2	13	17	92
Timber culture:						
Originals	86		47	21	68	248
Finals	16	3	5	3	11	50
Timber and stone:						
Sworn statements	641	19	24	641	684	1,391
Cash entries	3,082	1,160	6	5,330	6,496	5,201
Mineral:						
Applications	6	1		5	6	13
Entries	61			9	9	131
Selections:						
State	1					4
Forest	4		2	8	10	27
Indian allotments	76		10	8	18	655
Total	10,224	1,592	1,231	7,285	10,108	18,457

R.—FORESTRY DIVISION.

The work performed by this division during the fiscal year ended June 30, 1904, is summarized as follows:

Letters and reports pending June 30, 1903.....	1, 956
Letters and reports received and registered.....	31, 472
Total	33, 428
Letters and reports disposed of	31, 205
Letters and reports pending June 30, 1904.....	2, 223
Letters written.....	32, 737
Pages press copied.....	52, 061
Forest officers' accounts adjusted.....	4, 645
Number of pages typewritten.....	67, 005

FOREST RESERVES ESTABLISHED.

State.	Name of reserve.	Date of proclamation establishing the reserve.	Estimated area.
			<i>Acres.</i>
Idaho	The Pocatello Forest Reserve	Sept. 5, 1903	49, 920
Utah	The Aquarius Forest Reserve	Oct. 24, 1903	639, 000
Montana	The Highwood Mountains Forest Reserve.....	Dec. 12, 1903	45, 080
California	The Santa Barbara Forest Reserve ^a	Dec. 22, 1903	1, 838, 323
Oregon	The Baker City Forest Reserve.....	Feb. 5, 1904	52, 480
South Dakota	The Cave Hills Forest Reserve.....	Mar. 5, 1904	23, 360
Do.....	The Slim Buttes Forest Reserve.....	Mar. 5, 1904	58, 160
Utah	The Grantsville Forest Reserve	May 7, 1904	68, 960
Do.....	The Salt Lake Forest Reserves	May 26, 1904	95, 440

^a This reserve was formed by consolidating the Pine Mountain and Zaca Lake Forest Reserve and the Santa Ynez Forest Reserve, and including an additional area.

FOREST RESERVES ENLARGED.

State.	Name of reserve.	Date of proclamation enlarging the reserve.	Present estimated area.
			<i>Acres.</i>
Utah	The Payson Forest Reserve	Nov. 5, 1903	111, 600
Do.....	The Fish Lake Forest Reserve	May 2, 1904	199, 040

FOREST RESERVES REDUCED.

State.	Name of reserve.	Date of proclamation reducing the reserve.	Present estimated area.
			<i>Acres.</i>
Wyoming and Montana	The Yellowstone Forest Reserve	May 4, 1904	^a 7, 810, 600
Colorado	The Battlement Mesa Forest Reserve	May 16, 1904	808, 960
Do.....	The White River Forest Reserve	May 21, 1904	978, 880
Idaho and Montana	The Bitter Root Forest Reserve	June 14, 1904	4, 089, 600

^a The proclamation of May 4, 1904, both added to the reserve 130,560 acres and excluded therefrom 649,160 acres, making a net reduction in area of 518,600 acres.

FOREST RESERVE ABOLISHED.

State.	Name of reserve.	Date of Executive order abolishing the reserve.	Estimated area.
Wyoming.....	The Crow Creek Forest Reserve	Oct. 9, 1903	<i>Acres.</i> 56, 320

There are, accordingly, now 59 forest reserves, created by Presidential proclamations, under section 24 of the act of March 3, 1891 (26 Stats., 1095), embracing 62,763,494 acres, as follows:

EXISTING FOREST RESERVES.

State or Territory.	Name of reserve.	Date of proclamation creating reserve or changing boundary thereof.	Present estimated area.
			<i>Acres.</i>
Alaska.....	Afognak Forest and Fish Culture Reserve ..	Dec. 24, 1892	403, 640
Do.....	The Alexander Archipelago Forest Reserve.	Aug. 20, 1902	4, 506, 240
Arizona.....	Grand Canyon Forest Reserve	Feb. 20, 1893	1, 851, 520
Do.....	The San Francisco Mountains Forest Reserve.	Aug. 17, 1898	} 1, 975, 310
Do.....	The Black Mesa Forest Reserve	Apr. 12, 1902	
Do.....	The Prescott Forest Reserve	Aug. 17, 1898	} 1, 658, 880
Do.....	The Black Mesa Forest Reserve	May 10, 1898	
Do.....	The Prescott Forest Reserve	Oct. 21, 1899	} 423, 680
Do.....	The Santa Rita Forest Reserve	Apr. 11, 1902	
Do.....	The Santa Catalina Forest Reserve	July 2, 1902	155, 520
Do.....	The Mount Graham Forest Reserve	July 22, 1902	118, 600
Do.....	The Chiricahua Forest Reserve	July 30, 1902	169, 600
California.....	San Gabriel Timber Land Reserve	Dec. 20, 1892	555, 520
Do.....	Sierra Forest Reserve	Feb. 14, 1893	} 4, 096, 000
Do.....	San Bernardino Forest Reserve	Feb. 25, 1893	
Do.....	The Trabuco Canyon Forest Reserve	Feb. 25, 1893	} 109, 920
Do.....	The Stanislaus Forest Reserve	Jan. 30, 1899	
Do.....	The San Jacinto Forest Reserve	Feb. 22, 1897	691, 200
Do.....	The Lake Tahoe Forest Reserve	Feb. 22, 1897	668, 160
Do.....	The Lake Tahoe Forest Reserve	Apr. 13, 1899	136, 335
Do.....	The Santa Barbara Forest Reserve	Dec. 22, 1903	} 1, 838, 323
Colorado.....	The White River Forest Reserve	Oct. 16, 1891	
Do.....	Pike's Peak Timber Land Reserve	June 28, 1902	} 978, 880
Do.....	Plum Creek Timber Land Reserve	May 21, 1904	
Do.....	The South Platte Forest Reserve	Feb. 11, 1892	} 184, 320
Do.....	The Battlement Mesa Forest Reserve	Mar. 18, 1892	
Do.....	The San Isabel Forest Reserve	June 23, 1892	179, 200
Do.....	The Pocatello Forest Reserve	Dec. 9, 1892	683, 520
Do.....	The Battlement Mesa Forest Reserve	Dec. 24, 1892	} 808, 960
Do.....	The San Isabel Forest Reserve	May 16, 1904	
Idaho.....	The Pocatello Forest Reserve	Apr. 11, 1902	77, 980
Idaho and Montana.....	The Bitter Root Forest Reserve	Sept. 5, 1903	} 49, 920
Idaho and Washington.....	The Priest River Forest Reserve	Feb. 22, 1897	
Idaho and Washington.....	The Priest River Forest Reserve	June 14, 1904	} 4, 089, 600
Idaho and Washington.....	The Priest River Forest Reserve	Feb. 22, 1897	
Idaho and Washington.....	The Priest River Forest Reserve	Feb. 22, 1897	} 645, 120
Idaho and Washington.....	The Priest River Forest Reserve	Feb. 22, 1897	
Montana.....	The Lewis and Clarke Forest Reserve	June 9, 1903	} 4, 670, 720
Do.....	The Gallatin Forest Reserves	Feb. 10, 1899	
Do.....	The Little Belt Mountains Forest Reserve ..	Aug. 16, 1902	501, 000
Do.....	The Madison Forest Reserve	Aug. 16, 1902	736, 000
Do.....	The Highwood Mountains Forest Reserve ..	Dec. 12, 1903	45, 080
Nebraska.....	The Dismal River Forest Reserve	Apr. 16, 1902	85, 123
Do.....	The Niobrara Forest Reserve	Apr. 16, 1902	123, 779
New Mexico.....	The Pecos River Forest Reserve	Jan. 11, 1892	} 421, 040
Do.....	The Pecos River Forest Reserve	May 27, 1898	
Do.....	The Gila River Forest Reserve	Mar. 2, 1899	} 2, 327, 040
Do.....	The Lincoln Forest Reserve	July 26, 1902	
Oklahoma.....	Wichita Forest Reserve	July 4, 1901	57, 120
Oregon.....	Bull Run Timber Land Reserve	June 17, 1892	142, 080
Do.....	The Cascade Range Forest Reserve	Sept. 28, 1893	} 4, 436, 120
Do.....	The Cascade Range Forest Reserve	July 1, 1901	
Do.....	Ashland Forest Reserve	Sept. 28, 1893	18, 560
Do.....	The Baker City Forest Reserve	Feb. 5, 1904	52, 480
South Dakota.....	The Cave Hills Forest Reserve	Mar. 5, 1904	23, 360
Do.....	The Slim Buttes Forest Reserve	Mar. 5, 1904	58, 160
South Dakota and Wyoming.....	The Black Hills Forest Reserve	Feb. 22, 1897	} 1, 209, 760
South Dakota and Wyoming.....	The Black Hills Forest Reserve	Sept. 19, 1898	
Utah.....	The Uintah Forest Reserve	Feb. 22, 1897	875, 520
Do.....	The Fish Lake Forest Reserve	Feb. 10, 1899	} 199, 040
Do.....	The Fish Lake Forest Reserve	May 2, 1904	

a Even sections only.

EXISTING FOREST RESERVES—Continued.

State or Territory.	Name of reserve.	Date of proclamation creating reserve or changing boundary thereof.	Present estimated area.
Utah	The Payson Forest Reserve	{ Aug. 3, 1901 Nov. 5, 1903 }	<i>Acres.</i> 111,600
Do	The Logan Forest Reserve	May 29, 1903	182,080
Do	The Manti Forest Reserve	May 29, 1903	584,640
Do	The Aquarius Forest Reserve	Oct. 24, 1903	639,000
Do	The Grantsville Forest Reserve	May 7, 1904	68,960
Do	The Salt Lake Forest Reserves	May 26, 1904	95,440
Washington	The Washington Forest Reserve	{ Feb. 22, 1897 Apr. 3, 1901 }	3,426,400
Do	The Olympic Forest Reserve	{ Feb. 22, 1897 Apr. 7, 1900 }	1,466,880
Do	The Mount Rainier Forest Reserve	{ July 15, 1901 Feb. 22, 1897 }	2,027,520
Wyoming	The Big Horn Forest Reserve	{ June 29, 1900 May 22, 1902 }	1,216,960
Do	The Medicine Bow Forest Reserve	{ May 22, 1902 July 16, 1902 }	420,584
Wyoming and Montana	The Yellowstone Forest Reserve	{ Mar. 30, 1891 Sept. 10, 1891 May 22, 1902 June 13, 1902 Jan. 29, 1903 May 4, 1904 }	7,810,600

FOREST RESERVE FORCE.

The graded force in the field consisted during the past year of 5 forest superintendents, 50 forest supervisors, 3 forest inspectors, and a varying number of forest rangers, the maximum number thereof employed at any one time being 484 and the minimum number 200.

SHEEP GRAZING IN FOREST RESERVES.

The following table shows the forest reserves in which sheep grazing has been allowed and the number of sheep that it was decided could enter for each year, 1901 to 1904, inclusive.

There are certain areas closed against sheep in nearly every reserve, and in some of them but a small portion is opened to sheep.

Sheep grazing in forest reserves.

SHEEP ALLOWED TO ENTER.

Reserve.	State or Territory.	1901.	1902.	1903.	1904.
Black Mesa	Arizona	225,000	150,000	100,000	100,000
Mount Graham	do .....	.....	.....	0	a3,200
San Francisco Mountains	do	125,000	100,000	100,000	100,000
Santa Rita	do .....	.....	.....	2,500	0
Gila River	New Mexico	225,000	200,000	150,000	150,000
Lincoln	do .....	.....	.....	40,000	40,000
Aquarius	Utah .....	.....	.....	.....	75,000
Fish Lake	do	0	0	0	30,000
Logan	do .....	.....	.....	.....	35,000
Manti	do .....	.....	.....	.....	300,000
Payson	do .....	.....	0	0	30,000
Uintah	do	200,000	200,000	125,000	125,000
Highwood Mountains	Montana .....	.....	.....	.....	36,000
Little Belt Mountains	do .....	.....	.....	25,000	20,000
Madison	do .....	.....	.....	50,000	50,000
Cascade Range	Oregon	200,000	200,000	200,000	197,000
Big Horn	Wyoming	150,000	150,000	25,000	25,000
Medicine Bow	do .....	.....	.....	40,000	40,000
Yellowstone	do .....	.....	.....	443,900	281,550
Mount Rainier	Washington	250,000	172,000	157,000	154,000
Washington	do	25,000	25,000	20,000	b20,000
Total .....	.....	1,400,000	1,197,000	1,478,400	1,811,750

a Goats.

b Forty thousand additional in case range is found to be as represented by sheep owners.

The following table shows the number of permits actually issued and the number of sheep covered thereby for each reserve in which sheep were allowed to graze for each of the years 1901 to 1904, inclusive. The permits issued in 1904 covered practically all the sheep allowed in the reserves that year.

PERMITS ISSUED AND SHEEP COVERED THEREBY.

Reserve.	1901.		1902.		1903.		1904.	
	Permits.	Sheep.	Permits.	Sheep.	Permits.	Sheep.	Permits.	Sheep.
Black Mesa	57	176,485	73	147,080	36	100,000	30	100,000
Mount Graham							4	a 3,200
San Francisco Mountains	24	124,800	22	99,000	23	100,000	24	100,000
Santa Rita					2	2,150		
Gila River	30	134,320	44	170,203	35	118,730	35	149,850
Lincoln					23	39,189	34	39,907
Aquarius							30	75,000
Fish Lake							22	30,000
Logan							17	33,950
Manti							289	299,971
Payson							27	30,000
Uintah	87	188,050	117	200,000	71	124,950	70	124,995
Highwood Mountains							4	33,000
Little Belt Mountains					5	25,000	4	20,000
Madison					10	50,000	11	49,800
Cascade Range	44	166,050	47	188,800	61	186,800	63	196,500
Big Horn	54	150,000	78	149,964	12	24,850	11	25,000
Medicine Bow					15	40,000	15	40,000
Yellowstone					58	448,900	72	281,550
Mount Rainier	89	249,713	95	171,466	68	157,006	71	153,999
Washington	6	25,000	8	25,000	14	19,992	b 10	20,000
Total	391	1,214,418	484	1,151,513	433	1,432,567	843	1,806,722

a Goats.

b Also 16 permits for 38,100 head, to be delivered only in case the range is found to be as represented by sheep owners. Upon examination of the range it was decided that these permits should not become operative during the season of 1904.

The following table shows the reserves across which sheep were allowed to trail, under paragraph 23 of the circular of May 22, 1903, in going to grazing grounds or shipping points outside of the reserves, and the number of sheep so crossing, during the last half of the calendar year 1903 and the first half of the calendar year 1904.

SHEEP-CROSSING PERMITS.

Reserve.	State or Territory.	July 1 to Dec. 31, 1903.		Jan. 1 to June 30, 1904.	
		Permits.	Sheep.	Permits.	Sheep.
Black Mesa	Arizona	52	185,965	57	178,950
San Francisco Mountains	do	19	59,800	8	42,150
Lake Tahoe	California	0	0	2	6,400
Stanislaus	do	12	30,580	23	72,640
Sierra	do	a 30	79,400	30	83,600
Madison	Montana			1	1,800
Gila River	New Mexico	0	0	1	1,900
Cascade Range	Oregon	3	9,600	0	0
Mount Rainier	Washington	1	5,700	0	0
Big Horn	Wyoming	32	160,630	0	0
Total		149	531,675	122	387,440

a Also 6 permits issued by the Department allowing 16,100 sheep to be taken to 42,608 acres of private lands within the reserve.

CATTLE AND HORSE GRAZING IN FOREST RESERVES.

The following table shows the number of permits issued to graze cattle and horses in the forest reserves during the grazing seasons, and the number of stock covered thereby, for each of the years 1901 to 1904, inclusive:

Cattle and horse grazing in forest reserves.

Reserve.	1901.		1902.		1903.		1904.	
	Per- mits.	Stock.	Per- mits.	Stock.	Per- mits.	Stock.	Per- mits.	Stock.
Arizona:								
Black Mesa	99	18,222	130	27,926	190	29,293	206	29,576
Chiricahua					26	4,533	29	4,000
Grand Canyon	15	1,021	15	6,483	26	7,305	32	9,085
Mount Graham					10	1,593	27	3,341
Prescott	12	320	16	614	16	932	18	1,024
San Francisco Mountains	110	14,675	103	17,985	106	20,000	93	23,644
Santa Catalina					4	1,455	6	1,480
Santa Rita					15	3,742	17	6,364
California, north:								
Lake Tahoe	13	1,985	19	2,071	16	1,937	16	1,580
Sierra	180	25,865	268	35,667	385	50,006	414	45,289
Stanislaus	39	7,295	57	10,406	62	9,525	57	7,998
California, south:								
San Bernardino	18	3,045	14	2,024	21	2,292	20	2,330
San Gabriel	25	397	19	461	17	484	19	542
Santa Barbara	a 32	1,019	a 135	6,395	a 128	6,960	150	7,338
San Jacinto	16	1,080	23	1,441	5	681	20	1,747
Trabuco Canyon	4	210	10	320			15	527
Colorado:								
Battlement Mesa	149	46,996	167	48,973	263	47,571	388	50,137
Pike's Peak	16	1,420	22	2,806	30	3,112	33	2,990
Plum Creek	43	3,915	33	3,652	44	3,858	48	3,628
San Isabel					6	565	12	723
South Platte	82	13,808	69	11,505	44	8,120	85	11,696
White River	154	42,303	215	47,669	223	49,740	234	48,838
Idaho:								
Bitter Root (see Montana)			22	998	3	580	19	1,067
Priest River (Idaho and Wash- ington)			15	335	16	402	19	443
Pocatello							40	482
Montana:								
Bitter Root (see Idaho)	1	400	10	442	5	375	17	951
Gallatin	3	145	3	100	5	374	11	579
Highwood Mountains							46	951
Lewis and Clarke	b 91	6,988	b 107	9,023	b 84	10,297	89	11,356
Little Belt Mountains					30	3,184	52	5,323
Madison					87	19,743	107	19,959
New Mexico:								
Gila River	183	45,679	140	50,587	155	53,662	148	55,015
Lincoln					41	11,258	52	10,566
Pecos River	147	4,602	97	5,461	169	7,259	226	7,475
Oregon:								
Ashland	0	0	0	0	0	0	0	0
Bull Run	0	0	0	0	0	0	0	0
Baker City							(c)	
Cascade Range	12	1,545	31	4,600	96	10,429	124	11,691
Oklahoma:								
Wichita			14	3,915	34	3,307	43	2,995
South Dakota:								
Black Hills	166	6,996	316	13,293	448	18,399	430	18,087
Utah:								
Aquarius								
Fish Lake	5	374	16	1,000	33	1,000	67	3,610
Grantsville							54	2,627
Logan							71	5,000
Manti							690	19,419
Payson					85	3,343	153	5,500
Salt Lake City							(c)	
Uintah	60	4,320	119	9,912	181	9,934	218	14,198
Wyoming:								
Big Horn	123	14,984	182	20,012	271	25,497	332	39,788
Crow Creek			13	637	(d)			
Medicine Bow					35	7,483	49	9,000
Yellowstone	e 32	1,954	e 38	2,387	391	79,013	495	86,827
Washington:								
Mount Rainier	94	5,929	158	6,494	199	7,317	182	7,441
Olympic	2	129	7	210	41	643	30	419
Washington			39	1,748	75	2,770	91	4,076
Total	1,926	277,621	2,642	357,552	4,121	529,973	5,874	620,657

a Pine Mountain and Zaca Lake and Santa Ynez reserves prior to 1904.

b Flathead and Lewis and Clarke reserves prior to 1904.

c Allowed informally during season of 1904.

d Reserve transferred to War Department in 1903.

e Old Teton Reserve.

[illegible]^a No June report.

FREE USE OF TIMBER.

The demand during the past year for the free use of forest-reserve timber, under the provisions of law and the Department rules and regulations prescribed thereunder, has been more than one-third greater than in the previous year. The quarterly reports of the forest officers show 3,265 applications received during the fiscal year 1904, while the reports for the fiscal year 1903 showed 2,224 applications.

Three thousand two hundred and thirty-nine applications have been approved and permits issued by the forest officers and the Department.

Statement in detail respecting the applications received during the fiscal year ended June 30, 1904, for the free use of forest-reserve timber.

Name of reserve.	Number of applica- tions.		Amount of timber granted.				Total.		Total value.
	Received.	Granted.	Living timber.		Dead timber.		Board feet.	Cords.	
			Board feet.	Cords.	Board feet.	Cords.			
Arizona:									
Black Mesa	27	25	106,400	26	55,169	90	161,569	116	\$261.61
Chiricahua	1	1	.....	2	.....	2	.....	4	7.50
Grand Canyon	1	1	2,918	.....	.....	.....	2,918	.....	2.95
Mount Graham	24	24	1,445	56	192	.....	1,637	56	47.91
Prescott	58	53	.....	49	6,000	337	6,000	386	105.00
San Francisco Moun- tains	20	20	1,500	41	.....	84	1,500	124	124.15
California:									
Santa Barbara	10	10	.....	54	.....	38	.....	92	54.99
San Bernardino	13	13	.....	.....	.....	46	.....	46	46.00
Santa Rita	2	2	.....	2	.....	22	.....	24	25.60
Sierra	151	149	4,800	399	.....	1,188	4,800	1,587	1,676.53
Colorado:									
Battlement Mesa	109	108	954	20	174,270	500	175,224	520	942.70
Pike's Peak	11	11	.....	.....	.....	216	.....	216	155.15
San Isabel	5	5	.....	.....	.....	96	.....	96	28.50
South Platte	50	50	.....	.....	38,000	1,112	38,000	1,112	303.19
White River	115	115	4,800	17	400,131	973	404,931	990	1,070.76
Idaho and Montana:									
Bitter Root	27	26	19,100	250	3,500	206	22,600	456	236.80
Idaho and Washington:									
Priest River	1	1	.....	.....	.....	5	.....	5	1.25
Montana:									
Gallatin	5	5	8,500	29	.....	19	8,500	48	78.25
Highwood Mountains.	12	12	10,000	55	300	80	10,300	135	180.50
Lewis and Clarke	102	102	10,000	.....	312,000	4,643	322,000	4,643	1,489.15
Little Belt Mountains.	26	26	1,800	4	.....	447	1,800	451	261.05
Madison	54	54	39,410	302	36,310	780	75,720	1,082	644.29
New Mexico:									
Gila River	7	7	21,000	22	.....	8	21,000	30	58.00
Lincoln	34	33	9,032	32	1,500	369	10,532	401	143.77
Pecos River	2	2	14,000	.....	.....	30	14,000	30	21.50
Oregon:									
Ashland	18	18	.....	228	.....	19	.....	247	127.40
Cascade Range	35	35	55,100	70	56,126	455	111,226	525	347.73
South Dakota:									
Black Hills	795	788	59,610	44	226,090	9,835	285,700	9,879	3,156.03
Utah:									
Aquarius	50	50	60,000	27	44,090	614	104,090	641	565.33
Fish Lake	8	8	.....	1	4,300	67	4,300	68	32.90
Logan	54	54	4,100	9	.....	268	4,100	277	97.90
Manti	145	145	170,452	48	235,707	459	406,159	507	595.14
Payson	97	97	.....	.....	32,000	1,082	32,000	1,082	479.25
Uintah	48	48	37,000	.....	89,677	483	126,677	483	258.19
Washington:									
Mount Rainier	10	10	.....	46	.....	74	.....	120	52.50
Olympic	2	2	.....	.....	9,000	.....	9,000	.....	31.00
Washington	50	46	36,950	126	116,000	169	152,950	295	245.92
Wyoming:									
Big Horn	94	94	.....	.....	99,870	434	99,870	434	407.49
Medicine Bow	95	95	.....	.....	431,090	9,792	431,090	9,792	1,038.03
Wyoming and Montana:									
Yellowstone	897	894	1,458,167	3,031	1,256,323	13,599	2,714,490	16,630	7,738.67
Total	3,265	3,239	2,137,038	5,002	3,627,645	48,649	5,764,683	53,569	23,140.38

SALE OF TIMBER WITHIN FOREST RESERVES.

Three hundred and seventy petitions for sale of timber from lands in forest reserves have been presented, involving 69,257,710 feet (board measure) and 87,032 cords of wood.

One hundred and eighteen petitions were pending before the Office at the date of last report.

Three hundred and seventy-seven sales have been effected, and of the proceeds thereof and of previous sales in which there were deferred payments there have been realized and paid into the Treasury of the United States \$58,436.19.

Statement in detail of the number of petitions for the sale of timber from forest reserves during the fiscal year ended June 30, 1904, the quantity of timber desired, the number of sales ordered, quantity of timber offered, number of sales effected, and amount of proceeds from sales.

Name of forest reserve.	Number of petitions.			Timber stated in petitions.		Timber offered.			Received from sales.	Petitions rejected or withdrawn.	Petitions pending official action, June 30, 1904.
	Pending July 1, 1903.	Received during year ended June 30, 1904.	Total.	Feet, B. M.	Cords.	Sales ordered.	Feet, B. M.	Cords.	Sales effected.		
Arizona:											
Black Mesa	1	2	3	580,000	.....	2	280,000	.....	2	\$385.00	1
Chiricahua	2	.....	.....	.....	.....	.....	.....	.....	.....	930.00	.....
Grand Canyon	2	2	.....	.....	400	2	.....	400	2	110.00	2
Mount Graham	2	3	5	2,148,000	.....	2	2,050,000	.....	2	705.00	1
Prescott	41	70	.....	454,000	7,665	39	429,000	5,615	65	2,811.97	5
San Francisco Mountains	2	1	3	1,500,000	.....	.....	.....	.....	1	36.00	1
Santa Rita .....	.....	1	1	.....	100	1	.....	100	.....	.....	1
California:											
San Bernardino	1	1	2	250,000	250	.....	.....	.....	.....	.....	2
Santa Barbara	1	1	1	600,000	.....	1	600,000	.....	.....	.....	1
Sierra	3	1	4	2,000,000	400	1	2,000,000	400	2	1,385.46	2
Colorado:											
Pike's Peak	2	12	14	532,000	15,439	10	457,000	15,425	11	350.33	3
Plum Creek	2	6	8	.....	116	3	.....	83	3	6.00	2
South Platte	9	12	21	50,000	1,039	10	50,000	1,039	18	476.58	3
White River	3	5	8	1,045,000	.....	5	1,045,000	.....	5	800.28	1
Idaho:											
Bitter Root	8	14	22	83,000	580	11	33,000	1,620	15	256.26	2
Priest River	1	.....	1	.....	.....	.....	.....	.....	1	.....	.....
Montana:											
Bitter Root	3	1	4	5,000	4	.....	.....	.....	.....	.....	4
Lewis and Clarke	2	15	17	1,280,000	6,179	16	1,028,000	6,196	15	663.08	2
Little Belt Mountains	1	9	10	50,000	2,565	9	50,000	2,565	7	88.00	3
Madison	3	7	10	261,000	1,072	7	261,000	1,072	8	984.03	1
Yellowstone	3	3	3	765,000	6,320	3	765,000	6,320	2	92.00	1
New Mexico:											
Gila River	6	16	22	724,000	6,487	13	628,000	6,518	12	803.50	1
Lincoln .....	.....	6	6	16,100	420	1	.....	100	1	.....	5
Pecos River	4	2	6	175,000	.....	1	100,000	.....	3	100.00	1
Oregon:											
Ashland .....	.....	2	2	.....	250	2	.....	250	1	50.00	1
Cascade Range	5	7	12	1,444,000	100	8	1,564,000	100	8	1,005.75	4
South Dakota:											
Black Hills	16	133	149	10,000,279	21,533	133	10,000,279	21,278	141	37,753.81	3
Utah:											
Aquarius .....	.....	4	4	60,000	80	3	60,000	50	3	13.34	1
Manti .....	.....	16	16	1,116,000	163	14	1,089,000	98	14	1,019.00	2
Uintah	2	11	13	7,782,000	100	8	3,957,000	100	10	3,264.74	1
Washington:											
Mount Rainier	1	.....	1	.....	.....	.....	.....	.....	.....	.....	1
Olympic	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Washington	3	11	14	195,000	1,060	10	1,695,000	1,034	8	400.23	6
Wyoming:											
Big Horn	2	5	7	1,500,000	50	5	1,000,000	50	6	537.50	1
Medicine Bow	1	2	3	13,333,332	.....	2	13,333,332	.....	1	3,333.33	2
Yellowstone .....	.....	18	18	21,308,999	14,660	14	5,243,666	5,650	6	75.00	1
Total	118	370	488	69,257,710	87,032	336	47,970,277	76,063	377	58,436.19	91

SELECTIONS IN LIEU OF LANDS WITHIN FOREST RESERVES.

The following tables exhibit the progress of the work during the year ending June 30, 1904, in the adjustment of selections made in lieu of patented lands and unperfected claims within forest reserves, under acts of June 4, 1897 (30 Stat., 36), and June 6, 1900 (31 Stat., 614):

PERFECTED CASES.

Items.	Cases.	Areas.
		<i>Acres.</i>
Pending June 30, 1903.....	5, 404	1, 263, 236. 93
Received during year ending June 30, 1904.....	3, 256	466, 623. 80
Total	8, 660	1, 729, 860. 73
Approved for patent during year ending June 30, 1904.....	2, 910	578, 793. 20
Rejected during year ending June 30, 1904	134	23, 040. 10
Total cases finally disposed of during the year.....	3, 044	601, 833. 30
Total pending June 30, 1904	5, 616	1, 128, 027. 43
Approved by Commissioner, but not for patent (unsurveyed).....	204	-----
Hearing ordered in	29	-----
To Secretary on appeal	92	-----
Cases suspended under various orders or awaiting additional proof called for	2, 841	784, 856. 17
On which no action has been taken.....	2, 450	343, 171. 26
Total.....	5, 616	1, 128, 027. 43

Acres.

Average acreage of selections approved for patent	195. 46
Average acreage of selections rejected	171. 90

UNPERFECTED CASES.

Items.	Cases.	Areas.
		<i>Acres.</i>
Received up to June 30, 1903.....	35	5, 752. 02
Approved for patent up to June 30, 1903.....	3	480. 00
Rejected up to June 30, 1903	7	1, 123. 76
Total.....	10	1, 603. 76
Pending June 30, 1903.....	25	4, 148. 26
Received during year ending June 30, 1904.....	11	1, 711. 82
Total.....	36	5, 860. 08
Approved for patent during year ending June 30, 1904	11	1, 769. 00
Rejected during year ending June 30, 1904	5	800. 00
Total.....	16	2, 569. 00
Cases pending January 30, 1904	20	3, 291. 08
Approved by Commissioner, but not for patent	3	440. 00
Cases suspended awaiting additional evidence, called for reports from forest officers, and determination of hearings ordered.....	17	2, 851. 08
Total.....	20	3, 291. 08

MISCELLANEOUS CASES AND APPEALS.

In connection with such selections there have been received, docketed, and acted upon, mainly during the year ending June 30, 1904, appeals, and contested and miscellaneous cases, as follows:

	Cases.
Received and docketed	538
Acted upon and finally closed	314
Acted upon, but not yet closed	49
Awaiting action	175
	<hr/> 538

The work on these selections, appeals, etc., during the year involved the preparation and dispatch of 19,999 letters and decisions, covering 31,565 pages.

All selections received at this Office prior to November 1, 1903, except only cases held under orders of suspension, have been examined and either approved or rejected, or are awaiting receipt of additional evidence called for.

The following tables present a general summary of all selections received under said acts, in lieu of both patented lands and unperfected claims, up to June 30, 1904, with the acreage of land selected and the action had thereon:

PERFECTED CASES.

	Cases.	Areas.
		<i>Acres.</i>
Number selections received	10, 853	2, 287, 746. 92
Patented	4, 502	1, 028, 363. 36
Rejected	735	131, 356. 13
Total cases disposed of	5, 237	1, 159, 719. 49
Pending	5, 616	1, 128, 027. 43

UNPERFECTED CASES.

	Cases.	Areas.
		<i>Acres.</i>
Received	46	7, 463. 84
Approved for patent	14	2, 249. 00
Rejected	12	1, 923. 76
Total cases disposed of	26	4, 172. 76
Cases pending	20	3, 291. 08

APPENDIX.

PRESERVATION OF HISTORIC AND PREHISTORIC RUINS.

WASHINGTON, D. C., *September 3, 1904.*

DEAR SIR: I beg leave to hand you herewith a memorandum relative to the historic and prehistoric ruins of Arizona, New Mexico, Colorado, and Utah.

In line with our correspondence in recent years concerning the archaeology of the proposed Pajarito Cliff Dwellers' National Park, I have endeavored to secure like information of all the districts of the Southwest that are rich in prehistoric remains. These data have been compiled on the authority of our most reliable investigators, who have spent much time in the scientific study of these ruins. I refer especially to Dr. J. Walter Fewkes, of the Bureau of American Ethnology, Dr. Walter Hough, of the National Museum, and Mr. A. F. Bandelier, of the American Museum of Natural History. I have traversed a great part of this ground myself, but above my own observations I place the authority of these experts. I have also availed myself of the excellent reports of Mr. S. J. Holsinger, who has given much thought to this question.

I believe that in what is said relative to the necessity for speedy action looking toward the preservation of these ruins I reflect the sentiment of all who have seriously thought of this subject. I can testify to the general appreciation of the excellent work of your office in this matter in recent years.

I beg leave to remain, with sincere respect,

Very truly, yours,

EDGAR L. HEWETT.

The COMMISSIONER OF THE GENERAL LAND OFFICE,
Washington, D. C.

MEMORANDUM CONCERNING THE HISTORIC AND PREHISTORIC RUINS OF ARIZONA, NEW MEXICO, COLORADO, AND UTAH AND THEIR PRESERVATION.

The importance of the large number of historic and prehistoric ruins scattered over the semiarid region of the southwestern part of the United States has gradually come to be recognized. Every cliff dwelling, every prehistoric tower, communal house, shrine and burial mound is an object which can contribute something to the advancement of knowledge, and hence is worthy of preservation. Knowledge of the extent, location and nature of these ruins has been accumulating for many years. We now know them to be very numerous and of great value.

The question of the preservation of this vast treasury of information relative to our prehistoric tribes has come to be a matter of much concern to the American people. Fortunately, there seems to be no barrier to the speedy accomplishment of this. By the prompt exercise of the authority lodged in various branches of the Interior Department, the preservation of the ruins is assured. I shall endeavor to show that there is urgent need for the immediate exercise of this authority. This done, the work of legislation to the end that these regions may be made a perpetual source of education and enjoyment for the American people, as well as for travelers from foreign lands, may proceed with the careful deliberation which the subject demands.

Unquestionably, some of these regions are sufficiently rich in historic and scientific interest and scenic beauty to warrant their organization into permanent national parks. Many others should be temporarily withdrawn and allowed to revert to the public domain after the ruins thereon have been examined by competent authority, the collections therefrom properly cared for, and all data that can be secured made a matter of permanent record. General legislation providing for the creation and administration of such parks and providing for the excavation of ruins in the interest of science only is urgently needed. It is well known that during recent years an extensive traffic has arisen in relics from these ruins. In securing these, buildings, mounds, etc., have been destroyed. These relics are priceless when secured by proper scientific methods and of comparatively little value when scattered about either

in museums or private collections without accompanying records. No scientific man is true to the highest ideals of science who does not protest against this outrageous traffic, and it will be a lasting reproach upon our Government if it does not use its power to restrain it.

With a view to furnishing concise information upon which preservative measures may be based, I have compiled the accompanying map, showing by geographical districts the location of the most important ruins in the pueblo region. My sources of information have been both official and unofficial, and the work is based upon the highest authority obtainable. However, the map is not intended to be mathematically correct. It will show, approximately, the location of important ruins. Some may have entirely disappeared since the maps were made from which this compilation is made, and more recent surveys might require important modifications. It may serve as a beginning for something more exact and more complete. I have prepared to accompany this a memorandum concerning the ruins located on each district, and have taken the liberty to point out how adequate protection may be afforded such as are on the public domain.

Reference to the accompanying map will show at a glance that the distribution of the prehistoric tribes of the Southwest was determined by the drainage system. The great basins of the Rio Grande, the San Juan, the Little Colorado, and the Gila, constitute the four great seats of prehistoric culture of the so-called pueblo region. The remains of this ancient culture are scattered extensively over these four areas, and it is not to be hoped nor would it be a service to science to attempt to preserve all these remains. They are of the three great types, pueblo ruins, cliff houses, and caveate dwellings, with their accompanying burial mounds, kivas, shrines, etc., and are practically innumerable. All measures for their preservation should look toward the encouragement of research and the advancement of knowledge, and not toward its restriction. I am of the opinion that if the principal groups or districts of ruins of each great culture area can be protected by the Department of the Interior and no excavation permitted thereon except by responsible parties bearing proper permission from the Department, the highest interests of the people will be upheld.

I have shown on the accompanying map that the majority of the ruins of the four great basins are embraced in twenty districts. The circles on the map are not intended to fix absolutely the boundaries of these districts; they are merely intended to show, approximately, how the ruins may be grouped for convenience and reference.

The districts are grouped as follows:

- I. The Rio Grande Basin.
 1. The Pajarito Park district.
 2. The Pecos Pueblo district.
 3. The Gran Quivira district.
 4. The Jemez district.
 5. The Acoma district.
- II. The San Juan Basin.
 1. The Aztec district.
 2. The Mesa Verde district.
 3. The Chaco Canyon district.
 4. The Canyon de Chelly district.
 5. The Bluff district.
- III. The Little Colorado Basin.
 1. The Tusayan district.
 2. The Flagstaff district.
 3. The Holbrook district.
 4. The Zuñi district.
- IV. The Gila Basin.
 1. The Rio Verde district.
 2. The San Carlos district.
 3. The Lower Gila district.
 4. The Middle Gila district.
 5. The Upper Gila district.
 6. The San Francisco River district.

Following is a brief memorandum showing the nature, extent, and condition of the ruins on each district.

I. THE RIO GRANDE BASIN.

This culture area, lying wholly in New Mexico, embraces the Rio Grande Valley with its tributaries from Ojo Caliente on the north, to Socorro on the south, and from Acoma on the west, to the plains east of the Manzano Mountains.

1. *The Pajarito Park district.*—This district lies between the Rio Grande on the

east, and the Jemez Mountains on the west, and extends from Ojo Caliente on the north to Cochiti on the south. In the northern part are the ruins of Homayo, Houiri (Ho-we-re), and Pose on Ojo Caliente Creek. Ten miles west, below El Rito, is the large ruin of Sepawi (Se-paw-we). Near the village of Abiquiu on the Rio Chama is the important ruin of Tsiwari (Tsi-wa-re). These are all pueblo ruins and not well preserved.

The central portion of the district is the Pajarito Park proper, the region that has for some years been under withdrawal by the General Land Office, and favorably reported on for a national park for which it has many advantages, being of great scenic beauty, accessible, and one of the richest in the Southwest in well-preserved prehistoric remains. It contains innumerable cavate houses, a vast number of small pueblo ruins, and the ruins of the great communal dwellings of Puye, Otowi, Tsankiwi (Tsan-ke-we), Navakwi (Nav-a-kwe), and Pajarito or Tchrega. Vandalism has greatly diminished among these ruins since the park has been under withdrawal.

In the southern part of this district, between the Rito de los Frijoles and Cochiti, are the ruins of six pueblos and a considerable number of cavate houses, the interesting Cueva Pintada (painted cave), and the famous shrines known as the Stone Lions of Potrero de las Vacas and Potrero de los Idolos.

2. *The Pecos district.*—The principal ruins of this district are those of the old pueblo of Pecos on the abandoned Pecos pueblo grant. These are very important ruins, consisting of the two large communal houses and the remains of the old mission church, the first mission founded on the soil of the United States. These are the only ones of the numerous ruins in the upper Pecos Valley that can be preserved. All others are well nigh obliterated.

3. *The Gran Quivira district.*—These interesting ruins lie on the plains east of the Manzano Mountains. The principal ones are those of Tabira (Gran Quivira), Abo, and Cuaray. All are pueblo ruins of the historic epoch and at each place are the ruins of interesting mission churches. The ruins of this district should be officially investigated.

4. *The Jemez district.*—The ruins of 17 ancient pueblos are recorded as being located in the Jemez Valley north of Jemez pueblo. Most of them have not been accurately located. Such of them as are still preserved and on public lands are within the limits of the proposed Jemez Forest Reserve, now temporarily withdrawn. The most important ruins in the district are those of the old pueblo of Ginsewa. They lie 12 miles north of Jemez pueblo and include the ruins of the stately old mission church of San Diego de Jemez, built early in the seventeenth century, the second oldest mission church on the soil of the United States. An investigation of this district is needed.

5. *The Acoma district.*—A large number of valuable pueblo ruins are scattered over this district to the south and southwest of the pueblo of Acoma, and southeast to the neighborhood of Magdalena. Many others of lesser importance are to the north and west. It is a region of great interest, the pueblo of Acoma itself being one of the most interesting objects in the Southwest. Near by it is the famous Mesa Encantada. Unfortunately there has been but little investigation of this district, so that we have no important accounts of its ruins. It is a district that is greatly in need of official examination.

II. THE SAN JUAN BASIN.

The ruins of the San Juan Basin consist of both large and small communal houses and true cliff dwellings in great numbers. They are scattered in numerous, irregular groups over the contiguous portions of New Mexico, Colorado, Utah, and Arizona. All the ruins of the San Juan and its tributaries have suffered much from destructive collectors.

1. *The Aztec district.*—The most important ruins on this district are the group of large communal dwellings near Aztec, N. Mex. They are on private lands and well cared for, their owner apparently appreciating their value. Numerous other pueblo ruins exist in the district, but it is doubtful if any are so situated as to permit of their protection by the Government.

2. *The Mesa Verde district.*—In this district are the finest specimens of true cliff dwellings. They are very numerous in the canyons of Mesa Verde and along the Mancos River. Cliff Palace is justly one of the most famous works of prehistoric man in existence. Numerous pueblo and cliff ruins are distributed along the McElmo, the Yellowjacket and the Hovenweep. On the whole, this is one of the most interesting of all prehistoric districts. A portion of it is under withdrawal by the General Land Office, pending the creation of the Colorado Cliff Dwellings National Park. The intelligent interest of the people of Colorado has done much toward the preservation of these ruins. However, the entire district has suffered much from vandalism, a

majority of the burial mounds having been destroyed. A national park in this region would be of great educational value.

3. *The Chaco Canyon district.*—This district embraces the great ruins of Pueblo Bonito, Pueblo Alto, Chetro Kettle, Hungo Pavié, Kin Kale, Una Vida, Wejegi, Kinbineola, Tuba Kin, Penasco Blanco, Kin Klizhin, Tala Kin, Kin Ya Ah, and Kin Ah Zin.

Nowhere else is there such a splendid group of prehistoric buildings in a fair state of preservation. They have been made the subject of special investigation by the Hyde Exploring Expedition of New York under Dr. George H. Pepper. A splendid collection from this district is installed in the American Museum of Natural History in New York City. In due time we shall doubtless have a full report of this excellent piece of work. This district has also been made the subject of a special investigation by Mr. S. J. Holsinger, whose comprehensive manuscript report, with accompanying photographs, in the office of the Commissioner of the General Land Office, affords much valuable information.

4. *Canyon de Chelly district.*—The ruins of this district are mostly in Canyon de Chelly and its tributary Canyon del Muerto, although many others are scattered along the lower Chinlee Valley. They are, for the most part, pueblo and cave ruins. They have been specially studied and reported on by Mr. Cosmos Mindeleff. A large collection of pottery from here has recently been acquired by the Brooklyn Institute of Science and Art. The preservation of these ruins has been made a matter of special care by the Secretary of the Interior.

5. *The Bluff district.*—Comparatively little is known of the numerous ruins in southeastern Utah. They have been explored and the district mapped by Dr. T. Mitchell Prudden, of New York City, but as yet no close investigations have been undertaken. Ruins are very numerous along Montezuma Creek, Recapture Creek, Cottonwood Creek, Butler Wash, Comb Wash, and Grand Gulch. The caves of the Cottonwood and its tributaries have been investigated by the Hyde Exploring Expedition, and the collections therefrom placed in the American Museum of Natural History. These are important relics of ancient "basket makers."

III. THE LITTLE COLORADO BASIN.

This extensive region, embraced in the valley of the Little Colorado and its tributaries, is preeminently a region of pueblo ruins, though some cave dwellings are found. It is especially rich in prehistoric pottery. Because of its wealth of relics this region has suffered more than any other from the traffic in prehistoric wares. However, we are fortunate in that Dr. J. Walter Fewkes, of the Bureau of American Ethnology, has made the districts of the Little Colorado a subject of research for many years. His voluminous reports on this region have put us in possession of a vast amount of information on the archaeology and ethnology of the Southwest. His collections from Sikyatki for the National Museum, made in 1895, with the assistance of Mr. F. W. Hodge, of the Smithsonian Institution, together with the collections made from the Holbrook district by Doctors Fewkes and Hough, form probably the most valuable collection of prehistoric pottery in existence. Another extensive collection of pottery from this region may be seen in the Field Columbian Museum in Chicago.

1. *The Tusayan district.*—The Hopi Plateau is a region of pueblo ruins. The buildings are not well preserved, and there are probably no ruins in the district that demand permanent preservation. It is, however, exceedingly important that they should be protected from further unauthorized excavation. There are many ruins on the northern part of this reservation that have not been explored.

2. *The Flagstaff district.*—The important group of ruins in Walnut Canyon are good types of cliff dwellings. These have received special attention from the Secretary of the Interior. The group of pueblo ruins which lie from 5 to 15 miles northwest of Black Falls have been examined and reported on by Doctor Fewkes. He pronounces them among the most important in the Southwest. They are entirely without protection.

3. *The Holbrook district.*—This is a region of numerous pueblo ruins, some of which have been examined and reported on by Doctors Fewkes and Hough. The Museum-Gates Expedition of 1901, Doctor Hough's report of which we now have, has advanced our knowledge of portions of this region very much. Doctor Hough has published particularly interesting information concerning the ruins in the Petrified Forest. The traffic in prehistoric wares from the Holbrook district has been deplorably active. Many thousands of pieces of excavated pottery have been shipped from Holbrook alone, and collections embracing several thousands of pieces are now in the hands of dealers at various towns in the district, and are offered for sale. These

collections have been made, for the most part, by Indians and native Mexicans in the employ of traders, and are devoid of authentic records. The district is not rich in ruins that demand permanent protection, but it is in great need of temporary protection, pending further serious investigation by competent parties.

4. *The Zuñi district.*—This region is rich both in historic and prehistoric ruins. On Zuñi Reservation are the ruins of the historic Seven Cities of Cibola. El Moro, or Inscription Rock, is an interesting historic monument east of Zuñi, which is under temporary withdrawal by the General Land Office. The region south of Zuñi to Quemado is known to be full of ruins, and traders are securing large collections of pottery therefrom at the present time. The ruins of Zuñi have been thoroughly made known to us through the work of the Hemenway Expedition, under the direction of the late Frank Hamilton Cushing, assisted by Mr. F. W. Hodge. The collections of this expedition are now in the Peabody Museum at Harvard University. Other important researches have been made in the Zuñi district by Doctor Fewkes.

IV. THE GILA BASIN.

This is another region that embraces practically every species of prehistoric ruins. It is of vast extent and comprises, besides the valley of the Gila proper, the large valleys of the Salt and Verde rivers. As a seat of prehistoric culture it was one of the most extensive and populous. Many ruins of these three great valleys are on irrigable lands, and, accordingly, have disappeared with the advancement of agriculture.

1. *The Río Verde district.*—On the northern tributaries of the Río Verde are many cliff ruins. Of these, Honanki and Palatki are the most important. They are within the limits of the San Francisco Mountains Forest Reserve. There are numerous cliff ruins along Oak Creek and Beaver Creek and their tributaries. Near Camp Verde is the ruin known as "Montezuma Castle," and a little farther up Beaver Creek, on the Black Mesa Forest Reserve, is the interesting Montezuma Well. Mr. Mindeleff and Doctor Fewkes have made important studies and reports on the ruins of this district.

2. *The San Carlos district.*—Of the ruins on this district we have very little information beyond that obtained by Mr. A. F. Bandelier, to whose indefatigable exploration we owe so much of our knowledge of the Southwest. Both pueblo and cliff ruins are known to exist in various parts of the district, almost all of which are situated within the limits of the San Carlos Apache Reservation. Ruins are reported from near San Carlos, from various points along the Upper Salt River, on White Mountain Creek, the Carrizzo, the Cibicu, and the Pinal.

3. *The Lower Gila district.*—Many ruins of this district have disappeared during recent years because situated upon agricultural land. Our archaeological knowledge of the district is due, for the most part, to the Hemenway expedition under the late Mr. Cushing, to Mr. Mindeleff, and Doctor Fewkes. The famous Casa Grande ruin has, for several years, been under the care of the Government. The best collection from the district is that obtained by the Hemenway expedition. It is in the Peabody Museum at Harvard University.

4. *The Middle Gila district.*—The ruins of this part of the Gila Valley are mostly on agricultural lands, though many cliff ruins are known to exist in outlying districts. Pueblo ruins are very plentiful about Solomonville, but are not well preserved. The largest is that of Pueblo Viejo. Ruins are also numerous about Clifton, and along the Blue River. We have some reports on ruins of this district by Mr. Bandelier and Doctor Fewkes. There is need for further investigation and report as to the present condition of these ruins.

5. *The Upper Gila district.*—It is known that there are many ruins on the Upper Gila and its tributaries near Fort Bayard, the Mimbres, and near Silver City. They are almost entirely within the Gila River Forest Reserve. These ruins should be officially investigated and reported on, as we have very meager information concerning them.

6. *The San Francisco River district.*—The upper San Francisco Valley and its tributaries, especially the Tularosa, is full of cliff and pueblo ruins. It is almost entirely within the Gila River Forest Reserve. Much of it is almost unknown country. It is in great need of further exploration. While we know of its almost innumerable ruins, we have no reports on them. The first archaeological work to be done here was that of Doctor Hough, of the National Museum, who made an expedition into this district during the past summer. Doctor Hough's report will doubtless give us much interesting information concerning the archaeology of this little known district.

With the generous assistance of Dr. Walter Hough, I have prepared a brief bibliography relative to the ruins in these various districts. No attempt has been

made to make this complete. Many valuable works are omitted. The purpose of it is to direct anyone seeking information on this subject to some literature thereon. Reference to this bibliography, hereto attached, will enable anyone to secure considerable information concerning ruins, or groups of ruins, that have been examined and reported on.

In conclusion, I would respectfully submit the following recommendations:

1. That the authority of the Department of the Interior should be immediately exercised to protect all ruins on the public domain.

2. That the Interior Department should prohibit the collecting of prehistoric objects from public lands and Indian reservations by any person not duly furnished with a permit from the Secretary of the Interior.

3. That custodians or inspectors under the direction of the General Land Office are needed to protect the ruins in the following districts:

- (a) The Pajarito Park district, New Mexico.
- (b) The Chaco Canyon district, New Mexico.
- (c) The Mesa Verde district, Colorado.
- (d) The Bluff district, Utah.
- (e) The Holbrook district, Arizona.
- (f) The Zuñi district, New Mexico.
- (g) The Rio Verde district, Arizona.
- (h) The Casa Grande district, Arizona.
- (i) The Acoma district, New Mexico.
- (j) The Middle Gila district, Arizona.
- (k) The Gran Quivira district, New Mexico.
- (l) The Jemez district, New Mexico.

With the first seven districts there is urgent need for immediate action. The eighth is already provided for. The next four are important in the order named. It would appear from general report and from the literature thereon that they are all of sufficient importance to warrant protection by the Government. At any rate, they should be examined as early as possible by competent authority and reported upon with reference to the present condition, character, and extent of the ruins.

4. That the Forestry Department, if furnished with adequate forces, could protect the ruins in the following districts, which lie within forest reserves, and that provision should be made for the same as early as possible:

(a) The Flagstaff district, Arizona, including the important Black Falls group of ruins lying just above the northern boundary of the San Francisco Mountains Forest Reserve; also the ruins on the northern tributaries of the Rio Verde, lying within the same reserve, and also those on the Black Mesa Forest Reserve.

(b) The San Francisco River district, New Mexico.

(c) The Upper Gila district, New Mexico.

5. That the cooperation of the Department of Indian Affairs is needed for the protection of all ruins in the following districts:

(a) The Pecos Pueblo district, New Mexico.

(b) The Canyon de Chelly district, Arizona.

(c) The Tusayan district, Arizona.

(d) The San Carlos district, Arizona.

(e) That part of the Zuñi district, New Mexico, which lies within the Zuñi Indian Reservation.

6. That there is neither economy nor efficiency in the policy of employing a custodian for a single ruin. All the ruins of any district described herein can be efficiently protected by one or two custodians or inspectors of the grade of forest rangers, who should make it known by posted notices that the excavation of ruins without the permission of the Secretary of the Interior is forbidden, and who might also examine and report from time to time upon ruins within their districts which are in need of special attention.

7. That the permanent withdrawal of tracts of land from the public domain for the purpose of protecting ruins thereon would seem to be unnecessary except where the ruins are of such character and extent as to warrant the creation of permanent national parks.

8. That there is need for general legislation authorizing the creation of such national parks and providing for the excavation of prehistoric ruins in the interest of science only.

I respectfully submit the above as a comprehensive plan for the preservation of all historic and prehistoric ruins upon the public domain and upon Indian reservations, and invite your consideration of the same. As a working plan I have no doubt it is open to much criticism, but I believe it might be made the basis for an economical and efficient method of performing this public service.

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WASHINGTON, D. C., *September 14, 1904.*

SIR: My attention having been called to the various measures proposed for the protection and preservation of the historic and prehistoric ruins of the Southwest, I beg leave to submit some observations upon the subject.

I have recently placed on file with your Office a memorandum designed to embody in concise form the authentic information we have concerning these ruins. It seems evident that we are, in possession of enough information on the subject to permit the formulation of a permanent, comprehensive, and efficient system of management for these ruins. It would seem that the demand for their protection and preservation must be recognized. My opinion is that some legislation should be had founding such a system of management and authorizing such procedure as will make for the conservation of these interests for the use and benefit of the public and the encouragement of scientific research. I believe also that if all who are interested in the subject will take the trouble to inform themselves thoroughly it will be found that legislation may be so shaped as to secure the desired ends without detriment to the interests of any one.

There are perhaps two or three tracts of considerable extent which should be made national parks, e. g., Pajarito Park, in New Mexico, and Mesa Verde Park, in Colorado. They embrace the leading types of prehistoric ruins in vast numbers. They are useless for agriculture or other industrial purposes. They are of such interest and scenic beauty as to attract much travel when made accessible. They would be a great source of information and education to the general public. Their organization into national parks would be greatly to the benefit of the Indians on adjacent reservations, because of increasing the sale of Indian handiwork to tourists. Settlers near the parks would find them an added source of revenue. I do not see how there can be any objection by reasonable people to the creation of these national parks. Provision should be made for their establishment in the same manner that forest reserves are created.

Then there are several isolated ruins and groups of ruins of great interest which demand permanent preservation, such as Montezuma Castle, on Beaver Creek, Arizona; the Cliff Dwellings, on Walnut Canyon, near Flagstaff, Ariz., and certain mission churches, as the one at the old Pueblo of Pecos, and the one near Jemez Pueblo, New Mexico, which are among the oldest landmarks on American soil. At the present time there are perhaps a dozen such interesting localities known and others may become known in the future. These could usually be protected by very small reservations. From 10 acres to a section of land would be sufficient in any case mentioned. This could be effected without detriment to the rights of settlers or hindrance to the development of the country.

There are also vast numbers of isolated ruins, burial mounds, etc., on public lands and Indian reservations which should be preserved long enough for scientific investigation, and no longer. This can certainly be done without detriment to the rights of settlers. No large reservations of land are necessary for this purpose. I assume that the Secretary of the Interior already has full power to protect these ruins and to issue permits for their excavation. It would perhaps be well to more specifically declare by law his authority and duties with reference to their preservation and the issuance of permits to properly qualified persons to examine and excavate them in the interests of science only, and to stop the traffic in prehistoric wares from the public lands and Indian reservations which is now working such irreparable waste and loss.

I should favor, and I believe the scientists and the country at large will favor, a simple measure authorizing the creation of national parks as mentioned above, the creation of the small reservations for the protection of the few isolated ruins or small groups of ruins that demand permanent protection, and the establishment of a system of supervision of all ruins on the public domain and Indian reservations by the Department of the Interior, all details of which should be left in the hands of the Secretary of the Interior to develop as information and experience direct. It seems to me that one section added to H. R. 13478, known as the Lacey bill, providing for the protection and utilization of ruins not included in such national parks as may be created under that act, would make it perfectly adequate to cover every condition expressed above and entirely satisfactory to all concerned.

I do not wish to attempt at this time a review of all bills pending on this subject. I desire, however, to analyze briefly one measure which, with important amendments, was passed by the Senate April 26, 1904. I refer to S. 5603, in most respects identical with H. R. 13349, known as the Rodenberg bill.

Section 1 of this bill provides that permits to examine and excavate ruins and collect antiquities from the public lands may be granted by the Secretary of the Interior to properly qualified persons, provided the work is undertaken for the benefit of some

incorporated public museum, university, college, scientific society, or educational institution. This would seem to bar the Bureau of American Ethnology, which exists for the sole purpose of doing archaeological and ethnological work in this country. It is not an *incorporated* institution. The section seems to confer no new authority and to impose an unfortunate restriction upon existing authority.

Section 2 limits the power of the Secretary of the Interior to the withdrawal of a single section of land in one locality. To the existing power of temporary withdrawal, which the Secretary of the Interior has wisely used in the past, we owe the preservation of the best of our remaining ruins. I refer particularly to Pajarito Park. This section seems to merely impose an unfortunate restriction upon existing powers.

Section 3 makes it mandatory upon the Secretary of the Interior to grant permits to local institutions for the excavation of any ruin or site within the State or Territory where such institution is located, on application indorsed by the governor of said State or Territory. This would make the rights on the public domain of all other parties, even of the Government of the United States, subordinate to those of the local authorities.

Section 5 requires that the work of excavation on any given site, once begun, must be prosecuted continuously until finished. I fear that this provision is not based upon accurate knowledge of existing conditions. The complete excavation of certain of the ruins of the Southwest would be a matter of years and would cost thousands of dollars. None of our smaller institutions or scientific societies could undertake archaeological work under such conditions, and even those most liberally endowed would be in danger of forfeiture under the provisions of this section through failure of funds to complete a piece of work. The excavation of a single room is often highly important and advantageous. Teachers of archaeology with classes in the field should be permitted and encouraged to do small pieces of systematic work. The provisions of this section would drive them from the field.

Section 6 provides that a complete photographic record shall be made of the progress of excavations and of all objects of archaeological or historic value found therein, to be made in duplicate for the United States National Museum. Such photographs can be of no value unless sufficiently well made to serve for the illustration of reports. An expedition may collect 5,000 specimens in a summer's work. The cost of the photographs would probably exceed the whole cost of the expedition. It would act as serious restriction to archaeological work.

Section 8. The penal clause of this bill makes it a misdemeanor, punishable by fine or imprisonment, to participate in the gathering of archaeological objects of any kind on the public domain. The intent of this section is manifestly to restrain vandalism. Under strict construction it prohibits the most harmless and commendable pursuits. When construed as intended it will prohibit perfectly harmless collecting, such as gathering arrowheads or other stone implements on the surface of the ground.

In fact the whole effect of this bill is to place serious obstacles in the way of the advancement of archaeological science. Its intent is doubtless commendable, but in its operation it can be most disastrous. I have merely pointed out the larger defects of this measure. An examination of the wording of the bill discloses ambiguities of expression and looseness of construction which would render its enactment as a statute highly objectionable.

I beg leave to remain with sincere respect, very truly, yours,

EDGAR L. HEWETT.

THE COMMISSIONER OF THE GENERAL LAND OFFICE.

DEPARTMENT OF THE INTERIOR,
GENERAL LAND OFFICE,
Washington, D. C., October 5, 1904.

SIR: I am in receipt of the acting Secretary's letter of August 15, 1904, returning the report, by Special Agent George F. Wilson, in the case of the prehistoric ruin in Arizona known as Montezuma Castle, with instructions to prepare and submit to the Department, for transmission to Congress, the draft of a bill setting the tract in question aside as a national park, and further directing as follows:

"In this connection your attention is called to H. R. 13349, introduced in the House on March 2, 1904, by Mr. Rodenberg, entitled 'A bill for the preservation of historic and prehistoric ruins, monuments and archaeological objects, and to prevent their counterfeit.' Said bill is still pending and a copy thereof is transmitted herewith for your consideration as to whether or not it would answer the purpose intended in this connection if enacted into law.

"I have also to suggest that you include in your annual estimate such an amount as in your judgment is necessary to pay for the services of a custodian for the reservation, with, say, \$500 for repairs and contingencies, and the same course should be pursued in other reservations containing ancient ruins in New Mexico. Congress has already established a precedent for such action by making an appropriation for the care and custody of the ancient ruins of Casa Grande in Arizona."

Under the above instructions, I have the honor to submit the following report upon the subject, in general, of action required for the preservation of prehistoric ruins and other objects of historic and scientific interest upon the public domain.

The matter is one which has been before this Office for consideration for a number of years, and has been made the subject of repeated reports to the Department respecting the need for some general enactment on the subject by Congress; and also in connection with specific cases as they have arisen from time to time; but in doing so considerable difficulty has been experienced in handling the matter, more especially in regard to prehistoric ruins, owing to the lack of information of a sufficiently comprehensive nature to enable this Office to treat the subject as a whole.

I am now, however, in receipt of a comprehensive statement which I transmit herewith, entitled a "Memorandum concerning the Historic and Prehistoric Ruins of Arizona, New Mexico, Colorado, and Utah, and their Preservation," prepared and submitted to this Office, under date of September 3, 1904, by Prof. Edgar L. Hewett, for a number of years president of the New Mexico Normal University, Las Vegas, N. Mex., and who has devoted much time to the matter of archaeological research in the Pajarito and other cliff-dwellings regions in New Mexico and Arizona.

Professor Hewett states, that in addition to information gathered by him in person and through official reports made by former Special Agent S. J. Holsinger, of this Office, the facts presented in this paper have been compiled on the authority of such reliable investigators as Dr. J. Walter Fewkes, of the Bureau of American Ethnology; Dr. Walter Hough, of the National Museum, and Mr. A. F. Bandelier, of the American Museum of Natural History, who have spent considerable time in the scientific study of the ruins referred to.

Accompanying and forming a part of the statement is a blue-print map showing, by geographical districts, the location of the most important ruins in the pueblo region, in regard to which Professor Hewett states as follows:

"Reference to the accompanying map will show at a glance that the distribution of the prehistoric tribes of the Southwest was determined by the drainage system. The great basins of the Rio Grande, the San Juan, the Little Colorado, and the Gila constitute the four great seats of prehistoric culture of the so-called pueblo region. The remains of this ancient culture are scattered extensively over these four areas, and it is not to be hoped, nor would it be a service to science, to attempt to preserve all these remains. They are of the three great types—pueblo ruins, cliff houses, and cavate dwellings—with their accompanying burial mounds, kivas, shrines, etc., and are practically innumerable. All measures for their preservation should look toward the encouragement of research and the advancement of knowledge, and not toward its restriction. I am of the opinion that if the principal groups or districts of ruins of each great culture area can be protected by the Department of the Interior and no excavation permitted thereon except by responsible parties bearing proper permission from the Department, the highest interests of the people will be upheld.

"I have shown on the accompanying map that the majority of the ruins of the four great basins are embraced in twenty districts. The circles on the map are not intended to fix absolutely the boundaries of these districts. They are merely intended to show, approximately, how the ruins may be grouped for convenience and reference.

"The districts are grouped as follows:

"I. The Rio Grande Basin.

- "1. The Pajarito Park district.
- "2. The Pecos Pueblo district.
- "3. The Gran Quivira district.
- "4. The Jemez district.
- "5. The Acoma district.

"II. The San Juan Basin.

- "1. The Aztec district.
- "2. The Mesa Verde district.
- "3. The Chaco Canyon district.
- "4. The Canyon de Chelly district.
- "5. The Bluff district.

"III. The Little Colorado Basin.

- "1. The Tusayan district.
- "2. The Flagstaff district.
- "3. The Holbrook district.
- "4. The Zuñi district.

"IV. The Gila Basin.

- "1. The Rio Verde district.
- "2. The San Carlos district.
- "3. The Lower Gila district.
- "4. The Middle Gila district.
- "5. The Upper Gila district.
- "6. The San Francisco River district."

Following upon this grouping of the regions into districts, the memorandum submits a concise statement regarding the location, extent, general condition and importance of the ruins in each of the respective districts, which presents much valuable information of a specific nature.

In regard to the subject, in general, Professor Hewett states:

"Unquestionably some of these regions are sufficiently rich in historic and scientific interest and scenic beauty to warrant their organization into permanent national parks. Many others should be temporarily withdrawn and allowed to revert to the public domain after the ruins thereon have been examined by competent authority, the collections therefrom properly cared for, and all data that can be secured made a matter of permanent record. General legislation providing for the creation and administration of such parks, and providing for the excavation of ruins in the interest of science only is urgently needed. It is well known that during recent years an extensive traffic has arisen in relics from these ruins. In securing these, buildings, mounds, etc., have been destroyed. These relics are priceless when secured by proper scientific methods, and of comparatively little value when scattered either in museums or private collections without accompanying records. No scientific man is true to the highest ideals of science who does not protest against this outrageous traffic, and it will be a lasting reproach upon our Government if it does not use its power to restrain it. * * *

"In conclusion, I would respectfully submit the following recommendations:

"1. That the authority of the Department of the Interior should be immediately exercised to protect all ruins on the public domain.

"2. That the Interior Department should prohibit the collecting of prehistoric objects from public lands and Indian reservations by any person not duly furnished with a permit from the Secretary of the Interior.

"3. That custodians or inspectors, under the direction of the General Land Office, are needed to protect the ruins in the following districts:

- "(a) The Pajarito Park district, New Mexico.
- "(b) The Chaco Canyon district, New Mexico.
- "(c) The Mesa Verde district, Colorado.
- "(d) The Bluff district, Utah.
- "(e) The Holbrook district, Arizona.
- "(f) The Zuñi district, New Mexico.
- "(g) The Rio Verde district, Arizona.
- "(h) The Casa Grande district, Arizona.
- "(i) The Acoma district, New Mexico.
- "(j) The Middle Gila district, Arizona.
- "(k) The Gran Quivira district, New Mexico.
- "(l) The Jemez district, New Mexico.

"With the first seven districts there is urgent need for immediate action. The eighth is already provided for. The next four are important in the order named. It would appear from general report and from the literature thereon that they are all of sufficient importance to warrant protection by the Government. At any rate they should be examined as early as possible by competent authority, and reported upon with reference to the present condition, character, and extent of the ruins.

"4. That the Forestry Department, if furnished with adequate forces, could protect the ruins in the following districts which lie within forest reserves, and that provision should be made for the same as early as possible.

"(a) The Flagstaff district, Arizona, including the important Black Falls group of ruins lying just above the northern boundary of the San Francisco Mountains Forest Reserve; also the ruins on the northern tributaries of the Rio Verde, lying within the same reserve and also those on the Black Mesa Forest Reserve.

"(b) The San Francisco River district, New Mexico.

"(c) The Upper Gila district, New Mexico.

"5. That the cooperation of the Department of Indian Affairs is needed for the protection of all ruins in the following districts:

"(a) The Pecos Pueblo district, New Mexico.

"(b) The Canyon de Chelly district, Arizona.

"(c) The Tusayan district, Arizona.

"(d) The San Carlos district, Arizona.

"(e) That part of the Zuñi district, New Mexico, which lies within the Zuñi Indian Reservation.

"6. That there is neither economy or efficiency in the policy of employing a custodian for a single ruin. All the ruins of any district described herein can be efficiently protected by one or two custodians or inspectors of the grade of forest rangers, who should make it known, by posted notices, that the excavation of ruins without the permission of the Secretary of the Interior is forbidden, and who might also examine and report, from time to time, upon ruins within their districts which are in need of special attention.

"7. That the permanent withdrawal of tracts of land from the public domain for the purpose of protecting ruins thereon would seem to be unnecessary except where the ruins are of such character and extent as to warrant the creation of permanent national parks.

"8. That there is need for general legislation authorizing the creation of such national parks and providing for the excavation of prehistoric ruins in the interests of science only.

"I respectfully submit the above as a comprehensive plan for the preservation of all historic and prehistoric ruins upon the public domain and upon Indian reservations, and invite your consideration of the same. As a working plan I have no doubt it is open to much criticism, but I believe it might be made the basis for an economical and efficient method of performing this public service."

Respecting this paper, I have the honor to report that the clear and forcible statement of facts presented therein appears to leave no room to doubt that immediate and effective measures on the part of the Government are needed to preserve the historic and prehistoric ruins and other objects of interest throughout the regions described from further destruction by vandalism while awaiting legislative action for their protection. This can best be done, apparently, by pursuing the course suggested by Professor Hewett of placing custodians in charge of the several districts as mapped out by him. To do this effectively, as far as necessary, at present, it is estimated that an appropriation of not less than \$10,000 is required for the care and custody of the same. I have accordingly included an estimate for that amount in my annual estimate for this Office.

As regards such portions of the districts as fall within forest reserves, or immediately outside of the boundaries thereof and adjacent thereto, the forest officers are already under general instructions to see to their protection. Further and more specific instructions to that effect will now be issued, based upon the information obtained through this paper.

Respecting the suggestion made that the cooperation of the Indian Office is needed for the protection of all ruins in certain of the districts specifically named, I respectfully recommend that a copy of the memorandum be furnished that Office for consideration and action upon the suggestion, for which purpose I inclose a copy of the same herewith.

I am heartily in accord with the recommendation that certain of the most important of these regions be set apart as national parks, and that a general law be enacted authorizing the establishment of such parks and making provision for their proper protection and management.

This Office has repeatedly drawn attention to the need for action on the part of Congress in respect to making provision for the proper care of those portions of the public lands which, for their scenic beauty, natural wonders or curiosities, ancient ruins or relics, or other objects of scientific or historic interest, or springs of medicinal or other properties, it is desirable to protect and utilize in the interest of the public.

The existence within the limits of the public domain of such world-wonders as the Grand Canyon and the Petrified Forest in Arizona, the Big Trees in California, and the prehistoric ruins and relics which are scattered throughout the Southwest makes the necessity for such action manifest.

It is equally evident that the course heretofore pursued of making each individual case the subject of a special legislative enactment, has been far from satisfactory. It has, in fact, resulted in such serious delay in securing action that this Office has been forced to practically abandon recommending such action in any more cases.

The failure to secure legislation, through successive sessions of Congress, in cases of such leading importance as the Petrified Forest in Arizona, and the Cliff Dwellers' region in the Pajarito Canyon, New Mexico, sufficiently evidences the futility of attempting to secure, through the means of a special act of Congress in each instance, protection to the numerous localities scattered over the public domain requiring similar action. The cases are far too numerous to render such a course advisable.

What is needed is a general enactment empowering the President to set apart, as national parks, all tracts of public land which, as above stated, for their scenic beauty, natural wonders or curiosities, ancient ruins or relics, or other objects of scientific or historic interest, or springs of medicinal or other properties, it is desirable to protect and utilize in the interest of the public.

Since these tracts form part of the public domain, they should, when set apart, be placed under the exclusive control of the Secretary of the Interior, who should be empowered to prescribe such rules and regulations and to establish such service as he shall deem necessary for the care and management of the same, including authority to permit proper explorations and examinations thereof, and gatherings of objects of interest, for scientific and historic purposes.

A bill containing the necessary provisions to this end was drafted by this Office and laid before the Department on March 29, 1900. It was introduced in the Fifty-sixth Congress as House bill 11021, but failed of passage.

It was subsequently reintroduced at the last session of Congress as House bill 13478, but no action has as yet been taken thereon.

It is plain that the enactment of a general law of such a nature would at once place the Department of the Interior in a position to deal effectively with one and all of these regions alike, by enabling it to provide for the administration of each tract set apart such special regulations and service as the peculiar needs of that particular locality demand. For instance, in regard to tracts valuable for the antiquities contained, all necessary provision could be made by the Secretary of the Interior to judiciously regulate the matter of excavations and the use of specimens, etc., by requesting the proper scientific branch of the Government to render, in an advisory capacity, all needed assistance.

As this particular class of cases can be readily managed under a general law of the nature suggested, I deem it well to call particular attention to the fact that they should be provided for in that manner, rather than by being made the subject of special legislation, as proposed in the several bills now pending in Congress which have in view only the matter of the preservation of antiquities. To legislate individually for this class of objects on the public domain is to unnecessarily multiply enactments.

I, accordingly, recommend, as a general substitute for all other pending bills on the subject, the above-mentioned bill, which was drafted in this Department, viz, H. R. 13478, and respectfully urge that it be enacted into law at the next session of Congress.

I also agree with the further suggestion in Professor Hewett's memorandum that many of the tracts containing prehistoric ruins and other objects of interest should be only temporarily withdrawn and protected until the ruins have been examined by competent authority and collections made and data secured and made a matter of permanent record, and that so soon as this has been satisfactorily accomplished the lands should be released from withdrawal.

To make proper provision for such action would necessitate an additional clause in the above-mentioned bill heretofore proposed by this Office. I have, accordingly, reshaped it to meet the desired end, and transmit a draft of the amended bill herewith. In doing so, I have slightly amended the wording of the bill.

In regard to your above-quoted inquiry respecting the so-called Rodenberg bill, viz, H. R. 13349 (58th Cong., 2d sess.), attention is invited to the fact that it is identical with what is known as the Lodge bill in the Senate, viz, S. 5603 (58th Cong., 2d sess.), as originally introduced on April 20 last.

Respecting this Rodenberg-Lodge measure, I transmit herewith a copy of Senate Document No. 314 (58th Cong., 2d sess.), containing a hearing before the subcommittee of the Committee on Public Lands of the Senate on said bill, in connection with others on the same subject, from which it appears that it was very largely indorsed by various scientists.

Subsequently, however, the Lodge bill was very materially amended, and, as so amended, was passed by the Senate on April 26, last, and referred to the House of Representatives. I inclose a copy of the same herewith.

The Lodge bill, therefore, in the form in which it has passed the Senate, will, doubtless, now receive consideration by the House in place of the Rodenberg bill.

In a further communication, recently received from Professor Hewett, under date of the 14th instant, which I transmit herewith, this bill is very thoroughly discussed, and it is pointed out that, owing to various obnoxious features therein, the practical

operation of such a measure would greatly hinder instead of advancing archaeological science.

Professor Hewett in this communication expresses himself as strongly in favor of the passage of the above-mentioned bill, drafted by this Office, known as the Lacey bill, viz, H. R. 13478, with the additional clause above suggested, and adduces good and sufficient reasons for its enactment.

I, accordingly, respectfully recommend that both of his inclosed communications be transmitted to Congress for consideration in connection with the above-mentioned bills at its approaching session.

Very respectfully,

W. A. RICHARDS,
Commissioner.

The SECRETARY OF THE INTERIOR.

A BILL to establish and administer national parks, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the President of the United States may, from time to time, set apart and reserve tracts of public land, which for their scenic beauty, natural wonders or curiosities, ancient ruins or relics, or other objects of scientific or historic interest, or springs of medicinal or other properties it is desirable to protect and utilize in the interest of the public; and the President shall, by public proclamation, declare the establishment of such reservations and the limits thereof.

SEC. 2. That such reservations shall be known as national parks and shall be under the exclusive control of the Secretary of the Interior, who is hereby empowered to prescribe such rules and regulations and establish such service as he shall deem necessary for the care and management of the same. Such regulations shall provide specially for the preservation from injury or spoliation of any and all objects therein of interest or value to science or history.

SEC. 3. That the Secretary of the Interior be, and is hereby, authorized to permit examinations, excavations, and the gathering of objects of interest within such parks by any person or persons whom he may deem properly qualified to conduct such examinations, excavations, or gatherings, subject to such rules and regulations as he may prescribe: *Provided*, That the examinations, excavations, and gatherings are undertaken for the benefit of the Smithsonian Institution or of some reputable museum, university, college, or other recognized scientific or educational institution, with a view to increasing the knowledge of such objects.

SEC. 4. That the Secretary of the Interior be, and is hereby, authorized, in the exercise of his discretion, to rent or lease, under rules and regulations to be made by him, pieces or parcels of ground within such parks for the erection of such buildings as may be required for the accommodation of visitors.

SEC. 5. That all funds arising from the privileges granted hereunder shall be covered into the Treasury of the United States as a special fund to be expended in the care of such parks.

SEC. 6. That all natural wonders or curiosities, ancient ruins or relics, or other objects of scientific or historic interest, or springs of medicinal or other properties, on such of the public lands as are not set apart as national parks under the provisions of this Act, are hereby declared to be under the care and custody of the Secretary of the Interior, whose duty it shall be to protect and preserve the same from unauthorized injury or waste, in any form whatsoever, so long as shall be necessary in the interest of the furtherance of knowledge of any of such objects, or for the utilization thereof, and the Secretary of the Interior is hereby empowered to prescribe such rules and regulations and establish such service as he shall deem necessary for the care and management of the same, and he is hereby authorized to permit examinations, excavations, and the gathering of objects of interest on such lands in the same manner and for the same purposes as in the case of national parks established under the provisions of this Act.

SEC. 7. That all persons who shall unlawfully intrude upon such parks, or who shall, without permission, appropriate, injure, or destroy any game, fish, timber, or other public property therein, or injure or destroy any caves, ruins, or other works or relics therein, or commit unauthorized injury or waste, in any form whatsoever, upon the lands or other public property therein, or upon any of the lands or objects referred to in section six of this Act, or who shall violate any of the rules and regulations prescribed hereunder, shall, upon conviction, be fined in a sum not less than fifty dollars nor more than five thousand dollars, or be imprisoned for a period not less than fifteen days nor more than twelve months, or shall suffer both fine and imprisonment, in the discretion of the court.

ANNUAL REPORTS
OF THE
UNITED STATES SURVEYORS-GENERAL
FOR THE
FISCAL YEAR ENDED JUNE 30, 1904.

REPORT OF THE SURVEYOR-GENERAL OF ALASKA.

OFFICE OF UNITED STATES SURVEYOR-GENERAL,
Sitka, Alaska, July 8, 1904.

SIR: In compliance with your circular letter E, dated April 21, 1904, I have the honor to submit my annual report in duplicate of the surveying operations in the district of Alaska, with the following tabular statements, viz:

A.—Showing contracts and special instructions for the survey of public lands awarded by the surveyor-general during the fiscal year ended June 30, 1904.

B.—Showing orders for mineral surveys issued by the surveyor-general during the fiscal year ended June 30, 1904.

C.—Showing mineral surveys approved during the fiscal year ended June 30, 1904, which were made under orders issued the previous fiscal year.

During the year there have been received, recorded, filed, and indexed:

Miscellaneous letters	876
Department letters	209

APPLICATIONS RECEIVED.

For survey of mining claims (covering 169 locations)	47
For survey of town-site boundaries	3
For appointment and reappointment United States deputy surveyor	14
For appointment and reappointment United States deputy mineral surveyor ..	15

LETTERS, ORDERS, ETC., WRITTEN AND ISSUED.

Miscellaneous letters (covering 3,152 pages)	1,518
Department letters (covering 542 pages)	357
Orders for survey of mining claims (covering 191 locations)	50

SPECIAL DEPOSITS.

For office work and expenses in connection with survey of mining claims ...	\$5,890
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MINING CLAIMS.

Number awaiting action of office at date of last report	0
Number returned by deputies during the year (covering 111 locations)	22
Number approved (covering 86 mineral and 9 mill-site locations)	17
Number returned to and remaining in the hands of deputies for correction ...	3
Number awaiting action of office	2

MAPS AND TRANSCRIPTS.

Number of maps of mineral surveys made, including copies	78
Number of maps of mineral locating monuments	3
Number of claims protracted on mineral monument maps	57
Number of tracings of plats	53
Number of sketches made	6
Number of transcripts made of location notices (covering 213 pages)	191
Number of transcripts made of field notes of mining claims (covering 604 pages)	17

NONMINERAL SURVEYS.

Returns received from deputies during the year	59
Forwarded to the Commissioner.....	31
Held for disapproval.....	6
Suspended awaiting correction by deputies.....	3
Awaiting action of the office	19
Awaiting action at date of last year's report	62
Approved by Commissioner during the year.....	34
Suspended by Commissioner during the year.....	17
Disapproved by Commissioner during the year	1
Awaiting action of Commissioner.....	41

In addition to the foregoing there were assorted, jacketed, and labeled 640 pieces of miscellaneous matter—mostly old records; also 12 contracts with special instructions therefor, prepared in quadruplicate, and special instructions, in quadruplicate, for 1 survey which was issued in lieu of a contract.

A.—Statement showing contracts for the survey of public lands awarded by the surveyor-general during the fiscal year ended June 30, 1904.

No.	Date.	Name.	Description of work.	Estimated liability.
2	Mar. 16, 1904	Elias Ruud	Boundary of Skagway town site and the boundary of the reservation therein for a United States court-house.	\$250.00
3	Mar. 22, 1904	A. B. Lewis	Principal base line beginning at or near Stuck Mountain, about 12½ miles southerly from Copper Center, approximate latitude 61° 57' N., longitude 146° 30' W., at initial point and corner to be established for Tps. 1 N. and 1 S., Rs. 1 E. and 1 W., Copper River base and meridian; thence east, between Tps. 1 N. and 1 S., through Rs. 1 and 2 E.; thence west from said initial point between Tps. 1 N. and 1 S., through R. 1 W. Principal meridian: From initial point north, between Rs. 1 E. and 1 W., through Tps. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, and 12; third standard parallel north, from corner to Tps. 12 and 13 N., Rs. 1 E. and 1 W., east through Rs. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, and 12 E. Third guide meridian east from corner to Tps. 12 and 13 N., Rs. 12 and 13 E., north between Rs. 12 and 13 E., through Tps. 13, 14, 15, 16, 17, and 18 E.	11,100.00
4	Apr. 15, 1904	F. H. Lasey	Swedish Evangelical mission at Yakutat; Greek Church mission at Nutchek; Greek Church mission at Odiak; Greek Church mission at Tutlitak; Greek Church mission at Kanikluk; Greek Church mission at Chaniga.	1,350.00
5	.....do .....	.....do	Greek Church mission at St. Paul Harbor, 9 tracts; Greek Church mission at Wood Island, 2 tracts; Baptist mission at Wood Island, 1 tract; Greek Church mission at Spruce Island, 3 tracts; Greek Church mission at Eagle Harbor, Kodiak Island, 1 tract; Greek Church mission at Three Saints, Kodiak Island, 1 tract; Greek Church mission at Aetalik, Kodiak Island, 1 tract; Greek Church mission, Pokrofsky, Kodiak Island, 1 tract; Greek Church mission at Akeok, Kodiak Island, 2 tracts; Greek Church mission at Karluk, Kodiak Island, 2 tracts; Greek Church mission at Ongashak, 2 tracts; Greek Church mission on the island in the village of Afognak, 5 tracts; Greek Church mission on the island and in the village of Douglas, Shelikof Strait, 2 tracts; Greek Church mission in the village of Katmai, Shelikof Strait, 2 tracts; Greek Church mission in the village of Wide Bay, 2 tracts; Greek Church mission in the village of Wrangell (west of Kodiak), 2 tracts.	3,600.00

A.—Statement showing contracts for the survey of public lands awarded by the surveyor-general during the fiscal year ended June 30, 1904—Continued.

No.	Date.	Name.	Description of work.	Estimated liability.
9	Apr. 16, 1904	H. Heinze	Greek Church mission in the village of Belkofski, 3 tracts; Greek Church mission in the village of Sannak, 2 tracts; Greek Church mission in the village of Protassof, 2 tracts; Greek Church mission in the village of Metrofan, 2 tracts; Greek Church mission on island of Peregrebny, 2 tracts; Greek Church mission on the island of Unga, 2 tracts; Methodist Episcopal mission on Unga Island, 1 tract.	\$2,765.00
7	.....do .....	.....do	Roman Catholic mission at St. Michael, 1 tract; Roman Catholic mission at Nome, 2 tracts; Greek Church mission on the island of St. Michael, 2 tracts; Protestant Episcopal mission at Nome, 1 tract; reindeer station at Nome, 1 tract; Swedish Evangelical mission in Unalaklik, 1 tract; reindeer station at Eaton, 1 tract; Congregational mission at Cape Prince of Wales, 1 tract; reindeer station at Teller, 1 tract; reindeer station at Rodney, 1 tract; Swedish Evangelical mission at Golofnin Bay, 1 tract.	3,870.00
8	Apr. 18, 1904	C. S. Hubbell.....	Roman Catholic mission at Wrangell, Presbyterian mission at Wrangell, Presbyterian mission at Saxman, Presbyterian mission at Howkan (Jackson), Quaker mission at Kake, Protestant Episcopal mission at Ketchikan.	1,120.00
9	.....do	Elias Ruud	Russian Greek Church, lots 2 and 3, block 24, Juneau; Russian Greek Church cemetery at Juneau, 1 tract; Roman Catholic Church, 2 small tracts at Juneau; Roman Catholic Church, 3 tracts on Douglas Island; Protestant Episcopal Church, 2 tracts at Juneau; Roman Catholic Church at Skagway, 1 tract; Presbyterian mission at Haines, 1 tract; Russian Greek Church mission at Douglas City, 1 tract; Presbyterian mission at Hooniah, 1 tract; Russian Greek Church mission at Hooniah, 1 tract; Russian Greek Church, school, and cemetery at Killisnoo, 2 tracts.	1,275.00
10	Apr. 19, 1904	C. E. Davidson	Roman Catholic Church at Eagle, 2 tracts; Presbyterian mission at Eagle, 1 tract; Protestant Episcopal mission at Anvik, 1 tract; Protestant Episcopal Church at mouth of Tanana River, 1 tract; Protestant Episcopal mission at Rampart, 1 tract; Protestant Episcopal mission at Minook, 1 tract; Protestant Episcopal mission at Fort Yukon, 1 tract; Protestant mission at Circle City, 1 tract; Roman Catholic mission at Nulato, 1 tract; Roman Catholic mission at Koserefski (Holy Cross), 1 tract; Russian Greek Church mission at Ikogmut, 1 tract; Roman Catholic mission at Shageluk, 1 tract; Roman Catholic mission at St. Joseph (Akularak), 1 tract.	4,150.00
11	.....do .....	.....do	Catholic mission at Sitka, 1 tract; Presbyterian mission at Sitka, 2 tracts; Russian Greek mission at Sitka, 20 tracts.	1,375.00
12	Apr. 22, 1904	A. Lasey.....	Russian Greek Church mission in the village of Kenai, 2 tracts; Russian Greek Church mission at Ninilehik, 2 tracts; Russian Greek Church mission at Seldovia, 2 tracts; Russian Greek Church mission at Alexandrovsk, 2 tracts; Russian Greek Church mission at Tyonok, 2 tracts; Russian Greek Church mission at Shushitna, 3 tracts; Russian Greek Church mission at Knik, 3 tracts; Russian Greek Church mission at Kustatan, 3 tracts.	2,870.00
13	May 7, 1904	W. Brown	Russian Greek Church mission in the village of Nushagak, 6 tracts; Russian Greek Church mission on bank of Nushagak, 1 tract; Russian Greek Church mission in the village of Ekuk, 2 tracts; Russian Greek Church mission at Pogugvik, 2 tracts; Russian Greek Church mission at Ugashak, 2 tracts; Russian Greek Church mission at Koggiung, 2 tracts; Russian Greek Church	6,090.00

330 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

A.—Statement showing contracts for the survey of public lands awarded by the surveyor-general during the fiscal year ended June 30, 1904—Continued.

No.	Date.	Name.	Description of work.	Estimated liability.
13	May 7, 1904	W. Brown—Continued.	mission at Iliamna, 2 tracts; Russian Greek Church mission at Kashanak, 2 tracts; Russian Greek Church mission at Sever-koi, 2 tracts; Russian Greek Church mission at Kvichak, 2 tracts; Russian Greek Church mission at Kuskokwim, 2 tracts; Roman Catholic mission at Oknagamut, 1 tract; Moravian mission at Carmel, 1 tract; Moravian mission at Bethel, 1 tract; Moravian mission at Ogavik, 1 tract; Moravian mission at Togiak, 1 tract; Moravian mission at Quinehaha, 1 tract; Roman Catholic mission at Cape Vancouver, Nelson Island, 1 tract.	
14	May 7, 1904	C. Gurnee	Russian Greek Church mission at Attu Island, 2 tracts; Russian Greek Church mission at village and island of Atka, 2 tracts; Russian Greek Church mission, St. Paul Island, 4 tracts; Russian Greek Church mission, St. George Island, 2 tracts; Presbyterian mission, St. Lawrence Island, 1 tract; Presbyterian mission at Point Barrow, 1 tract; Protestant Episcopal mission at Point Hope, 1 tract; Friends mission at Kotzebue Sound, 1 tract.	\$5,500.00
(a)	Apr. 22, 1904	E. F. Lewis	Boundary lines of the town site of Nome.....	800.00

a Special instructions in lieu of contract.

B.—Statement showing orders for mineral surveys issued by the surveyor-general during the fiscal year ended June 30, 1904.

No.	Name of claim.	Mining district.	Deputy.	Date of approval, etc.
591	Lovely placer.....	Sitka	G. W. Garside	Mar. 8, 1904.
592	Victoria, Seattle, et al., 25 locations.	Valdes	A. J. Adams	Superseded by orders 628 and 629.
593A	Ivanhoe, Ellen, et al., 5 locations ..	Berner Bay.....	L. G. Hill	Nov. 12, 1903.
593B	Ellen mill site	do	do	Do.
594	North Valparaiso quartz.....	Point Johnson.....	N. B. Whitfield ..	Returns not received.
595	Charlotte, Bess, et al., 4 locations...	Harris	G. W. Garside	Feb. 3, 1904.
596	Snow Flake fraction	Nome	A. G. Blake	Jan. 8, 1904.
597	Abe Lincoln and General Giant	Harris	C. E. Davidson	Nov. 25, 1903.
598	Ready Bullion, Nos. 1 and 2	do	do	Suspended.
599	Blue Jay, et al., 9 oil locations.....	Kayak	J. L. McPherson ..	June 15, 1904.
600	Redwood oil claims, Nos. 1, 2, 3, 4, 5, 6, 7, and 8.	do	do	June 24, 1904.
601	Ruby oil claims, Nos. 4, 5, 6, et al., 10 locations.	do	do	Returns not received.
602	Burls and Chilcat oil claims, 9 locations.	do	do	Do.
603	Mamie 1 and 2, Doolittle Nos. 1 and 2, et al., 8 lode locations.	Ketchikan	L. G. Hill	May 14, 1904.
604	Lyman Nos. 1, 2, 3, 4, and 5 lode locations.	do	do	May 26, 1904.
605	Perseverance et al., 6 locations.....	Harris	G. W. Garside	Feb. 12, 1904.
606	Flad Strand, Bench, et al., 4 placer locations.	Cape Nome.....	E. F. Lewis	Returns not received.
607	Gaffney fraction and Lucky fraction.	do	do	Do.
608	McKay Bench placer	do	do	Do.
609	Alpha placer	Harris	L. G. Hill	June 25, 1904.
610	Taku lode	do	do	Returned for correction.
611A	Ida, Teekalet and Gold Bluff lode claims.	Ketchikan	N. B. Whitfield....	Do.
611B	Washington mill site	do	do	Do.
612	Maryland et al., lode claims, 6 locations.	Harris	A. Williams.....	May 17, 1904.
613	Terall and Etna lodes	Valdes	A. J. Adams.....	Returns not received.
614	Harvey and Helen S. lodes	Wrangell.....	L. G. Hill	Returns on file.
615	Combination placer No. 1.....	Valdes	G. E. Baldwin	Returns not received.
616	Hurricane group, 1 placer and 3 lodes.	do	do	Returns not made.
617	Unidetta group, 5 lode locations.....	do	do	Do.
618	Rouge group, 2 lode locations	do	do	Do.

B.—Statement showing orders for mineral surveys issued by the surveyor-general during the fiscal year ended June 30, 1904—Continued.

No.	Name of claim.	Mining district.	Deputy.	Date of approval, etc.
619	Jumbogroup.....	Valdes	G. E. Baldwin	Returns not made.
620A	Snowdrift, Diorite, et al., 7 lode locations.	Harris	C. E. Davidson	Returns on file.
620B	London mill site.....	.....do .....	.....do	Do.
621	No. 3. below Good Luck, Anvil Creek.	Cape Nome.....	E. F. Lewis	Returns not made.
622	Combination placer, claim No. 2...	Valdes	G. E. Baldwin	Do.
623	Combination placer, claim No. 3...	.....do .....	.....do	Do.
624	Combination placer, claim No. 4...	.....do .....	.....do	Do.
625	Combination placer, claim No. 5...	.....do .....	.....do	Do.
626	Combination placer, claim No. 6...	.....do .....	.....do	Do.
627	Chief placer claim	Porcupine	C. E. Davidson	Do.
628	Oil Bay group of placer claims, 16 locations.	Cook Inlet.....	A. J. Adams.....	Do.
629	Innerskin group of placer claims, 9 locations.	.....do .....	.....do	Do.
630	Guthrie, Albert Johnson, et al., 6 lode locations.	Valdes	J. L. McPherson ..	Do.
631	Elizabeth, Marie, et al., 8 lode locations.	.....do	G. E. Baldwin	Do.
632	Copper Queen, Fortuna, and Regina lodes.	.....do	J. L. McPherson ..	Do.
633	Samolcon, Marmot, and Flander lodes.	.....do .....	.....do	Do.
634	Castle, Retriever, et al., 5 lode locations.	.....do .....	.....do	Do.
635	Cliff, Cave and Lime Gulch lodes...	.....do .....	.....do	Do.
636	Jenks fraction, Mix, et al., 5 lode locations.	Porcupine	C. E. Davidson	Do.
637	Erica lode	Valdes	C. E. Baldwin	Do.
638	Lookout group, consisting of 7 lode locations.	Ketchikan	N. B. Whitfield	Do.
639	Last Chance placer.....	Porcupine	C. E. Davidson	Do.
<i>Amended survey.</i>				
307	Initial placer	Harris	G. W. Garside	Returns not made.

C.—Statement of mineral surveys approved which were made under orders issued the previous year.

No.	Name of claim.	Mining district.	Deputy.	Date of approval, etc.
578	Rose, Last Chance, et al., 10 lode locations.	Berner Bay.....	L. G. Hill.....	Nov. 5, 1903.
579A	Mildred, Vera, et al., 6 lode locations.	Windham Bay....	.....do	Dec. 9, 1903.
579B	Mill site.....	.....do .....	.....do	Do.
582	Glacier placer claim	Harris .....	.....do	Aug. 27, 1903.
589	Blackbird group, 4 lode locations ..	Valdes	G. E. Baldwin	Mar. 15, 1904.

The following is a complete list of United States deputy mineral surveyors who have furnished bonds:

Name.	Home address.	Alaska address.
Adams, A. Judson.....	Seattle, Wash.....	Valdes, Alaska.
Ashford, Geo. M.....	Nevada, Iowa.....	Nome, Alaska.
Baldwin, Geo. E.....	Washington, D. C.....	Valdes, Alaska.
Blake, Arthur G.....	San Francisco, Cal.....	Nome, Alaska.
Blakely, J. F.....	Seattle, Wash.....	Seward, Alaska.
Brown, Webster.....	.....do	Unknown.
Buck, Rufus.....	.....do	Dawson, Northwest Territory.
Carter, A. B.....	Oakland, Cal.....	Teller, Alaska.
Chapman, W. S.....	Seattle, Wash.....	Kayak, Alaska.
Davidson, C. E.....	Juneau, Alaska.....	Juneau, Alaska.
Davidson, J. M.....	Fort Jones, Cal.....	Nome, Alaska.
Edgerton, H. H., jr.....	Tacoma, Wash.....	Unknown.
Flood, Francis B.....	Seattle, Wash.....	Do.
Fox, David.....	Suffern, N. Y.....	Do.
Garside, Geo. W.....	Juneau, Alaska.....	Juneau, Alaska.

Name.	Home address.	Alaska address.
George, Martin	Juneau, Alaska	Sitka, Alaska.
George, Thomas H	do.	Juneau, Alaska.
Gurnee, Clinton	San Francisco, Cal.	Unknown.
Heinze, Hermann	Chicago, Ill.	Solomon, Alaska.
Hill, Lloyd G	Juneau, Alaska	Juneau, Alaska.
Hesse, W. A	Seattle, Wash	Nome, Alaska.
Hoag, Wm. B	San Francisco, Cal.	Kayak, Alaska.
Hubbell, Charles S	Wrangell, Alaska	Wrangell, Alaska.
Johnson, Victor A	Spokane, Wash	Nome, Alaska.
Lacey, Albert	San Francisco, Cal.	Unknown.
Lacey, Frank H	do.	Do.
Lewis, E. F	Piperville, Wis.	Nome, Alaska.
Lewis, A. B	Valdes, Alaska	Valdes, Alaska.
Lovell, Samuel L	Skagway, Alaska	Kayak, Alaska.
McPherson, J. L	Seattle, Wash	Unknown.
McQuinn, J. A	Portland, Oreg.	Do.
Morris, W. E	do.	Do.
Meals, A. J	Chesna, Alaska	Chesna, Alaska.
Phillipotts, Wm. M	Rodman Bay, Alaska	Rodman Bay, Alaska.
Rund, Elias	Skagway, Alaska	Skagway, Alaska.
Smith, Norman R	Seattle, Wash	Unknown.
Smith, Warriner E	do.	Do.
Stanley, F. D	Spokane, Wash.	Do.
Tappan, Charles	Douglas, Alaska	Fairbanks, Alaska.
Thorne, J. F	Portland, Oreg.	Unknown.
Whitfield, N. B	Ketchikan, Alaska.	Ketchikan, Alaska.
Whitfield, D. S.	do.	Do.
Whitworth, F. H	Seattle, Wash	Unknown.
Week, C. A	San Francisco, Cal.	Do.
Whittren, J. Potter	Seattle, Wash	Sullivan City, Alaska.
Wilson, C. P	do.	Kayak, Alaska.
Williams, Alfred	Treadwell, Alaska	Treadwell, Alaska.
Warren, W. A	Seattle, Wash	Nome, Alaska.

The following is a complete list of United States deputy surveyors who have furnished bonds:

Name.	Home address.	Alaska address.
Anderson, Charles M	Seattle, Wash	Resurrection Bay.
Ashford, Geo. U	Nevada, Iowa	Nome.
Adams, A. Judson	Seattle, Wash	Valdes.
Baldwin, Geo. E.	Valdes, Alaska	Do.
Blake, Arthur G	San Francisco, Cal.	Nome.
Barstow, David G	Oakland, Cal	Hereendeen Bay.
Brown, Webster	Seattle, Wash	Valdes.
Buck, Rufus	do.	Dawson, Northwest Terri- tory.
Davick, Lauritz E.	do.	Valdes.
Davidson, Charles E.	Juneau, Alaska	Juneau.
Edgerton, H. H., jr	Tacoma, Wash	Unknown.
George, Thomas H	Juneau, Alaska	Juneau.
George, Martin	do.	Sitka.
Gurnee, Clinton	San Francisco, Cal.	Unknown.
Garside, Geo. W	Juneau, Alaska	Juneau.
Hill, Lloyd G	do.	Do.
Heinze, Hermann	Chicago, Ill.	Solomon.
Hubbell, Charles S	Wrangell, Alaska	Wrangell.
Hesse, Wm. A	Seattle, Wash	Nome.
Lacey, Albert	San Francisco, Cal.	Unknown.
Lacey, Frank H	do.	Do.
Lewis, E. F	Piperville, Wis.	Nome.
Lewis, Alfred B	Valdes, Alaska	Valdes.
McPherson, J. L	Seattle, Wash	Unknown.
Meals, A. J	Chesna, Alaska	Chesna.
Phillipotts, Wm. M	Rodman Bay, Alaska	Rodman Bay.
Rund, Elias	Skagway, Alaska	Skagway.
Smith, J. Henry	Portland, Oreg.	Unknown.
Smith, Warriner E.	Seattle, Wash	Do.
Tagliabue, Francis	Oakland, Cal.	Do.
Thorne, J. F	Portland, Oreg.	Do.
Whitfield, N. B	Ketchikan, Alaska.	Ketchikan.
Whitfield, D. S.	do.	Do.
Wilson, Clarence P	Seattle, Wash	Kayak.

It will be noticed by tabular statement A, accompanying this report, that thirteen contracts and one special instructions, in lieu of a contract, for the survey of public lands and mission claims were awarded during the fiscal year just ended, the aggregate liability of which exceeds \$46,000. It is probable that returns under some of these will be made during the calendar year, and it is therefore desirable that immediate steps be taken toward arranging for a field inspection of them, as it is a matter not only of concern but of simple justice to the contracting deputies that the required examination of their surveys be made with the least possible delay after their completion.

In view of the remoteness of this district from other surveying districts, the length of time it takes to reach it, and the heavy traveling expenses incident upon making the voyage to this country, I would recommend that an examiner of surveys be appointed specially for Alaska, with headquarters at some convenient point in the district; and also further to facilitate the examination and approval of the surveys, that he be placed under the direction of this office. This arrangement would expedite the approval of surveys and the adjustment of the deputies' accounts. It would also very materially curtail the expense of making the examination, shorten the time within which claimants might procure title to their land, and consequently be advantageous to all concerned.

On the 14th ultimo this office submitted estimate of funds necessary to be appropriated for the surveying service in this district for the fiscal year ending June 30, 1906.

The amount estimated for extending the lines of public surveys aggregates \$120,000. That the estimate was made along conservative lines the following explanatory note, which accompanied it, will show:

"There are about 370,000,000 acres of unsurveyed public land in Alaska. That a liberal per cent of this vast area is adapted to agriculture of one sort or other is no longer a matter of conjecture, and since the act of March 3, 1903, permitting homesteads to be taken in advance of the extension of the public surveys, home seekers and stock raisers have been making inquiries concerning the most desirable localities for farming and pasturing stock.

"The act above mentioned contains generous provisions for settlers in this district, but if it is not supplemented with liberal appropriations for the survey of the public lands within its limits its purposes will be largely negated.

"Under the provisions of that act any one who is qualified to make entry of public land is entitled to a homestead of 320 acres. Permission is given to initiate such claims prior to the extension of the lines of public survey by filing a description of them with the recorder of the recording district in which they are situated; but if at the expiration of the required time in which to 'prove up' the lines of public surveys have not been extended so as to include it, the claimant in order to procure a patent for the land must have an official survey made of the claim at his own expense. As the cost of such survey is no small item, and such settlers generally can not well afford such an outlay, the burden that an expense of this kind would involve should be averted if possible.

"That there will be many homesteads taken under said provisions of law there can be but little doubt. Although as hereinbefore stated, the law does not require that a settler shall have his claim surveyed until five years after its initiation in order to procure patent, nevertheless several surveys of this class of claims have been submitted to this office already. These, however, are probably only a small fraction of the number which have been filed for record with the recorders of the various recording districts; but as it is not required that the record of such claims be furnished this office, it has no means of knowing how many have been located and recorded.

"A contract has been made for surveying 198 miles of base, meridian, and standard lines in the Copper River Valley. These are primary lines with which to connect township and subdivisional surveys in that region of country. They will be useful only for that purpose, and therefore should be supplemented by the extension of township boundary lines so soon as they are completed. Department regulations provide that the subdivisional survey of a township will be authorized only in response to the application of at least three bona fide settlers therein. In making such application the settlers are required to designate the township in which their claims are situated and also as nearly as practicable the sections within the township. If only the primary lines to govern such surveys have been established over a region of country, it is impracticable for a settler to determine or even intelligently conjecture the number of the township and range in which his claim will be, and consequently provision should be made for surveying township boundaries over areas in which settlers are located or are likely to be in the near future.

"There are other sections that contain arable lands, for the survey of which it will be necessary to establish independent bases and meridians with which to connect township and subdivisional surveys, the configuration and topographic features of this district rendering it impracticable to connect the surveys in all parts of it with one principal base and meridian. The more prominent of these localities are in Kenai Peninsula and on Kodiak Island. There is said to be a large area of good agricultural land in the above-mentioned peninsula upon which settlements are being made, and Kodiak Island contains fine pasture lands which are beginning to be used by stockholders for grazing purposes. Provision should be made for establishing meridians and bases and for extending township lines in those localities. There are also still other localities where it will be necessary to establish short independent base and meridian lines in order to accommodate settlers, especially on the islands of Alexander Archipelago and the Aleutian Islands.

"As stated last year, there are many tracts of land in Alaska which are reserved by Executive orders or otherwise for the use of the various departments of the Government. As many of these tracts are set aside merely by description of metes and bounds, the deflection of the theoretical lines made from uncertain meridians without corner monuments to mark the angles, it is impracticable to determine just what land is reserved. As these reserves are generally at or adjoining centers of population, it is especially desirable that they be more definitely delimited as uncertainties of boundaries, inexactly described, without corner monuments or line marks to identify them, lead to confusion and in some cases retard improvements. Provision ought to be made and authority given for surveying all of these reserves, so that their exact locus and extent may be apparent on the ground and of record in this office.

"Proposals for executing surveys in this district show that the cost of surveying will be much greater in it than in other districts. The reason for this is because of the higher wages it is necessary to pay assistants, the greater cost of transporting supplies, the shortness of the surveying season, and the unfavorable climatic conditions for using the surveying instrument, which prevail in many localities during the summer months, especially in regions bordering the coast, the sun being obscured much of the time by fog or clouds."

The area of this surveying district is many fold larger than any other in the United States, and it may be safely said that its natural resources, in most lines, are also greater in the same proportion. Notwithstanding the developments of these resources are mostly in their incipency, the outlook is promising. As development work progresses and explorations are carried into new fields its latent possibilities become more apparent. The period of uncertainty is past and advancement promises to be more rapid henceforth. Provision has been made and preparations consummated for beginning the system of public land surveys in this district. As tabular statement A of this report shows, contracts, the aggregate liability of which exceeds \$46,000, were awarded during the fiscal year for surveying public lands and mission claims, and others will probably be awarded in the near future. This is only the beginning of what promises to be an active era of surveying operations in Alaska. In view of this it goes without saying that it is necessary that provision be made for sufficient clerical assistance to perform the greatly increased amount of work which will come to the office with proper dispatch and efficiency. This matter was fully set forth in my annual estimates, and I most earnestly hope it may receive favorable consideration.

Respectfully submitted.

WM. L. DISTIN,
U. S. Surveyor-General of Alaska.

The COMMISSIONER OF THE GENERAL LAND OFFICE,
Washington, D. C.

REPORT OF THE SURVEYOR-GENERAL OF ARIZONA.

OFFICE OF UNITED STATES SURVEYOR-GENERAL,
Phoenix, Ariz., July 1, 1904.

SIR: In compliance with Department letter E, dated April 21, 1904, I have the honor to submit herewith (in duplicate) my annual report for the fiscal year ending June 30, 1904.

AGRICULTURAL DEPARTMENT.

The apportionment to Arizona from the regular appropriation for surveys and resurveys of public lands for the fiscal year, as per annual surveying instructions, was \$14,000. By letter E, dated June 24, 1904, notice was given that an additional credit of \$14,000 had been made. The total apportionment to this district was therefore \$28,000.

The following tabular statement shows the contracts entered into which are payable therefrom:

No.	Date.	Name of deputy.	Description of surveys to be made.	Estimated liability.
110	Feb. 10	Philip Contzen	The survey of the west boundary of T. 10 S., R. 26 E., and the survey of the west and south boundaries and the subdivisional lines in T. 9 S., R. 26 E.	\$600.00
111	Feb. 18	John F. Hesse	The completion of the survey of the north boundary west from the corner of secs. 4, 5, 32, and 33, and the survey of the west boundary and subdivisional lines of T. 10 N., R. 6 W.	500.00
112	Feb. 24	Jno. A. Rockfellow...	The survey of the north and east boundaries and the subdivisional lines of T. 23 S., R. 28 E.	500.00
113	Mar. 14	Fisher & Hesse	The completion of the survey of the east boundary and the survey of the remaining subdivisional lines, south of secs. 13, 14, 15, 16, 17, and 18 of T. 15 N., R. 6 E.	700.00
115	Mar. 16	Philip Contzen	The survey of the north, west, and south boundaries of T. 22 S., R. 17 E., and the west and fractional south boundaries of T. 23 S., R. 17 E., the fractional west boundary of T. 24 S., R. 17 E., the fractional east and north boundaries of T. 24 S., R. 18 E., and the subdivisional lines in Tps. 22, 23, and 24 S., R. 17 E., and T. 24 S., R. 18 E., not within the boundaries of the San Rafael de la Zanza private land grant and the survey of the north and west boundaries and subdivisional lines of T. 18 S., R. 16 E.	2,400.00
116	Apr. 18	Chas. L. Campbell and Ivan Oakes.	The survey of 1 mile of the east boundary of T. 7 N., R. 10 E., the survey of the east boundary of Tps. 8, 9, 10, and 11 N., R. 10 E., the east boundary of T. 10 N., R. 11 E., the completion of the survey of the east boundary of T. 11 N., R. 11 E., the west boundary of T. 10 N., R. 10 E., the north and south boundaries of T. 10 N., Rs. 10 and 11 E., the east boundary of T. 12 N., R. 10 E., and the subdivisional lines of Tps. 10 and 11 N., R. 11 E., Tps. 10 and 12 N., R. 10 E.	4,300.00
(a)	May 28	.....do	Supplemental instructions provide for survey of the north boundary of T. 11 N., R. 11 E.; west boundary of T. 11½ N., R. 11 E., and the subdivisional lines of T. 11½ N., R. 11 E.	550.00
117	June 13	Wm. B. Alexander....	The survey of the north and east boundaries of T. 10 S., Rs. 15 and 16 E., the south 3 miles of the west boundary of T. 9 S., R. 15 E., the west boundary of T. 9 S., R. 16 E., and the subdivisional lines of the south halves of T. 9 S., Rs. 15 and 16 E., and the north halves of T. 10 S., Rs. 15 and 16 E., or so much thereof as may be necessary to include any settler residing thereon.	2,000.00

a Special instructions.

336 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

No.	Date.	Name of deputy.	Description of surveys to be made.	Estimated liability.
118	June 11	John A. Rockfellow..	The south boundary and not to exceed the survey of 18 sections of T. 18 S., R. 19 E., that may be necessary to properly include the agricultural claims of Mrs. L. S. Trask, F. L. Trask, and H. K. Street, situate therein.	\$650.00
(a)	June 14	John F. Hesse	The east boundary and the subdivisonal lines necessary to properly embrace the south 24 sections of T. 30 N., R. 4 E., or so much of this portion of the township south of the Grand Canyon as will be necessary to include the claims of P. D. Berry and John Hance, situate therein, but not to exceed the survey of 24 sections of this township.	800.00
119	June 17	John M. Ingalls.....	The third guide meridian east through Tps. 5, 6, 7, and 8 N., the second standard parallel north through Rs. 12, 13, 14, and 15 E., the north boundaries of T. 6 N., Rs. 13, 14, and 15 E., and the west and east boundaries of Tps. 7 and 8 N., R. 14 E., and the north boundaries of T. 7 N., Rs. 14 and 15 E., together with all subdivisonal lines of Tps. 7 and 8 N., Rs. 14 and 15 E.	5,000.00
120	....do ...	J. J. Fisher.....	The second standard parallel north through Rs. 10 and 11 E., the west boundaries of Tps. 8 and 9 N., R. 10 E., the south boundaries of T. 8 N., Rs. 10 and 11 E., the east boundaries of Tps. 8 and 9 N., R. 11 E., and the subdivisonal lines of Tps. 8 and 9 N., Rs. 10 and 11 E.	5,000.00
121	....do ...	John F. Hesse	The east 3 miles of the north boundary of T. 1 N., R. 30 E., the east boundaries of Tps. 1, 2, 3, and 4 N., R. 31 E., the east 4 miles of the north boundary of T. 3 N., R. 31 E., the north and west boundaries of Tps. 1 and 2 N., R. 31 E., the fractional north boundary of T. 3 N., R. 32 E., or so much thereof, together with the subdivisonal lines of Tps. 1, 2, 3, and 4 N., R. 31 E., T. 1 N., R. 30 E., and Tps. 3 and 4 N., R. 32 E., that may be absolutely necessary to include the agricultural and grazing lands lying along or within the canyon of the Blue River, running through said townships.	4,800.00

^aSpecial instructions.

SPECIAL DEPOSITS BY RAILROAD COMPANIES, UNDER ACT OF CONGRESS APPROVED FEBRUARY 27, 1899.

During the fiscal year deposits have been made by the Santa Fe Pacific Railroad Company, as follows:

For field work.....	\$692.00
For examination in the field, and advertising.....	110.00
For office work and stationery	40.00

Total deposit..... 842.00

The following contract was entered into, payable from the above fund, as follows:

No.	Date.	Name of deputy.	Description of surveys to be made.	Estimated liability.
109	1903 Dec. 11..	John F. Hesse	The survey of all lines necessary for the completion of the survey of the east boundary of T. 31 N., R. 2 E., and the survey of the remaining subdivisonal line north of secs. 25, 26, 27, 28, 29, and 30, so far as the rim of the Grand Canyon.	\$692.00

SPECIAL DEPOSITS BY INDIVIDUALS.

Under sections 2401, 2402, and 2403, as amended by the act of August 20, 1894, the following deposits were made:

For field work.....	\$1,852.00
For examination in the field	175.00
For office work and stationery.....	145.00

Total deposit..... 2,172.00

Contracts have been entered into, payable from the above fund, as follows:

No.	Date.	Name of deputy.	Description of surveys to be made.	Estimated liabilities.
(a)	1903 Dec. 26	John F. Hesse	The survey of the remaining unsurveyed lines of sec. 23, T. 13 N., R. 3 W., or so much of the lines as may be absolutely necessary to properly locate Government Springs, purported to be located in said sec. 23 of the above township and range.	\$100.00
114	1904 Mar. 15	Philip Contzen	The survey of the east, north, south, and west boundaries, and subdivisional lines of T. 4 S., R. 17 E., Gila and Salt River meridian, lands presumably containing coal.	1,350.00

a Special instructions.

On January 18, 1904, an additional deposit of \$1,500 was made by the Santa Fe Pacific Railroad Company for office work and stationery in connection with surveys in the San Francisco Forest Reserve, Arizona. This additional deposit was required on account of the inadequacy of the original amount deposited by the said company for the same purpose.

The following tabular statement shows the surveys approved during the fiscal year ended June 30, 1904:

No.	Date.	Name of deputy.	Description of work.	Remarks.
83	1901. May 23	John Nash.....	East and north boundaries of T. 5 S., R. 30 E., and subdivisions.	Survey accepted.
84	July 13	J. A. Barry	Exteriors and subdivisions of T. 1 N., Rs. 23 and 24 W., Tps. 1 and 2 S., Rs. 23 and 24 W.	Surveys accepted except Tps. 1 S. and 1 N., R. 24 W., which surveys deputy has been ordered to correct.
(a)	1902. Feb. 20	.....do	North and west boundaries of T. 3 S., R. 23 W., and a portion of the Gila and Salt River base line, through Rs. 23 and 24 W.	
90	1901. Dec. 16	Philip Contzen	Sixth standard parallel north through R. 8 E.; eighth standard parallel north through Rs. 9, 10, 11, and 12 E.; second guide meridian east through townships from 25 to 32 N., inclusive; third guide meridian E. through T. 32 N., all exteriors and subdivisions of Tps. 31 and 32 N., Rs. 11 and 12 E. and Tps. 32 and 33 N., Rs. 11 and 12 E.	Surveys suspended by Department letter E, dated Dec. 28, 1903. The survey of sixth standard parallel north through Rs. 8 and 9 E., and second guide meridian east through T. 25 N. accepted by Department letter E, dated Jan. 21, 1904.
(b)	1902. July 26	.....do	The survey of the sixth standard parallel north through R. 9 E.	
96	June 30	F. B. Jacobs	North and east boundaries and subdivisions of Tps. 22, 23, 24, and 25 N., R. 9 E., except sixth standard parallel north through R. 9 E.	Surveys accepted.
97	June 30	Caudle & Caudle	Exteriors and subdivisions of T. 25 N., Rs. 3 and 4 E.; T. 24 N., R. 4 E.; T. 21 N., R. 9 E.; and all lines necessary to complete survey of fractional T. 21 N., R. 8 E.; west boundary and south half of east boundary of sec. 33, T. 21 N., R. 5 E., and east and west boundaries of sec. 4 of T. 20 N., R. 5 E.	Surveys under contract No. 97, approved by your office, except as to Tps. 20 and 21 N., R. 5 E., which returns are transmitted to the General Land Office for approval.
(b)	Aug. 1	.....do	All resurveys and retracements necessary to execute above.	
(b)	Aug. 19	.....do	Resurvey of sixth standard parallel north through R. 4 E. and retracement through R. 3 E.	

a Supplemental special instructions.

b Special instructions.

No.	Date.	Name of deputy.	Description of work.	Remarks.
98	1902. June 30	J. A. Lamport	East boundary of Tps. 23 and 24 N., R. 8 E., north and west boundaries of sec. 6 of T. 21 N., R. 8 E., east half of north boundary of sec. 1 of T. 21 N., R. 7 E., south boundary of T. 24 N., R. 8 E., and subdivisions of Tps. 23, 24, and 25 N., R. 8 E., and completion of subdivisions of T. 23 N., R. 7 E., line between secs. 1 and 3, T. 21 N., R. 7 E., line between secs. 2 and 3 of T. 21 N., R. 6 E., line between secs. 25 and 36 of T. 22 N., R. 7 E.	Surveys accepted.
(a)	Aug. 2	.....do	Fractional south boundary of T. 23 N., R. 7 E., and all resurveys and retracements necessary to complete all above surveys.	
99	June 30	Andrew Barry, F. B. Jacobs, compassman.	The south and west boundaries, T. 19 N., R. 5 E., the east half of the north boundary, the south half of west boundary, and south boundary of T. 19 N., R. 4 E., and subdivisional lines of T. 19 N., Rs. 4 and 5 E.	Do.
(a)	Aug. 4	.....do	All resurveys and retracements necessary to execute the above.	
101	June 30	J. B. Girand and P. W. Natimer.	That portion of the resurvey of the fourth standard parallel north from the one-quarter section corner along the south boundary sec. 32, T. 17 N., R. 6 E., to the corner T. 17 N., Rs. 7 and 8 E., and closing lines thereon.	These surveys, which were suspended by Department letter E, dated May 26, 1903, have been accepted.
102	.....do ...	W. O. Secor.....	The south boundary of T. 19 N., Rs. 2 and 3 E., 1 mile of the north boundary of T. 19 N., R. 6 E., $3\frac{1}{2}$ miles of the west boundary and 1 mile of the south boundary T. 18 N., R. 6 E., 2 miles of north boundary T. 17 N., R. 5 E., $2\frac{1}{2}$ miles of the east boundary of T. 17 N., R. 6 E., the completion of the subdivisions of T. 20 N., R. 4 E., the line between secs. 24 and 25, T. 20 N., R. 6 E., the completion of the subdivisional lines of T. 19 N., Rs. 2, 3, and 6 E., T. 18 N., R. 6 E., T. 17 N., Rs. 5 and 6 E.	All surveys under contract, except T. 20 N., R. 6 E., which has been transmitted to Washington, have been approved by your office.
(b)	Aug. 5	.....do	The completion of range line between Rs. 2 and 3 E., T. 19 N.	
(a)	Aug. 6	.....do	All resurveys and retracements necessary to execute the above.	
103	Sept. 27	J. F. Hesse.....	The survey of the south and a portion of the north boundary of T. 18 N., R. 1 E., retracement of the Gila and Salt River meridian, through T. 18 N., subdivisions of T. 18 N., R. 1 E., and all necessary retracements and resurveys in connection therewith.	Contract approved by Department letter E dated June 30, 1904.
104	Nov. 15	Philip Contzen	The north and east boundaries, Tps. 12 and 14 S., R. 11 E., north and west boundaries Tps. 13 and 14 S., R. 10 E., subdivisions Tps. 13 and 14 S., Rs. 10 and 11 E., and resurveys in connection therewith.	Survey accepted, but plats not ordered filed.
109	1903. Dec. 11	J. F. Hesse.....	The completion of the east boundary of T. 31 N., R. 2 E., and the remaining subdivisional lines, north of secs. 25 to 30, inclusive, so far as the rim of the Grand Canyon.	Survey approved.

a Special instructions.

b Supplemental special instructions.

The following tabular statement shows surveys not closed June 30, 1904, for contracts awarded prior to June 30, 1903:

No.	Date.	Name of deputy.	Description of work.	Remarks.
40	1896. Apr. 15	C. E. Perkins.....	Subdivisions of that portion of T. 10 N., R. 20 E., lying north of north boundary of White Mountain Indian Reservation and lines for closing public surveys in T. 9 N., Rs. 20, 21, 22, and 25 E., and T. 10 N., Rs. 18, 19, and 21 E., Arizona.	Office work awaiting action of Commissioner on returns of White Mountain Indian Reservation by Deputy Colton, under contract No. 56. Colton's corrective notes not yet filed.
56	1899. June 24	A. T. Colton.....	North, east, and west boundaries and subdivisions of T. 7 N., R. 10 E.; resurvey of the north boundary White Mountain Indian Reservation within T. 9 N., Rs. 21, 22, 24, and 25 E., T. 10 N., Rs. 18, 19, 20, and 21, and T. 11 N., R. 18 E., Arizona.	Survey T. 7 N., R. 10 E., accepted; balance of contract canceled and authority for issuance of new contract given this office.
(a)	Nov. 1	.....do.....	Resurvey that portion of White Mountain Indian Reservation through T. 8 N., Rs. 22, 23, and 24 E., and T. 9 N., R. 20 E., also westward through Rs. 17, 16, and 15 E. to northwest corner of reservation.	
80	1901. May 17	John Nash	Fractional west, east, and south boundaries and subdivisions of T. 8 S., R. 24 E.	Notes filed. Survey suspended by examiner. Deputy ordered to field to correct.
81	May 23	F. B. Jacobs.....	East, south, and west boundaries and subdivisions of T. 1 S., R. 13 E.; resurvey of the Gila and Salt River base line through R. 13 E.	All surveys under contract accepted, except T. 1 S., R. 13 E. Bondsmen called upon to designate a compassman for execution of survey of T. 1 S., R. 13 E.
84	July 13	J. A. Barry	Exterior and subdivisions of T. 1 N., Rs. 23 and 24 W.; Tps. 1 and 2 S., Rs. 23 and 24 W.	Surveys accepted, excepting Tps. 1 S. and 1 N., R. 24 W., which surveys deputy has been ordered to correct.
(b)	1902. Feb. 20	.....do.....	West and north boundaries of T. 3 S., R. 23 W.; a portion of the Gila and Salt River base line through Rs. 23 and 24 W.	
88	1901. Oct. 19	John Nash	South boundaries and subdivisions of fractional T. 9 S., R. 32 E.	Awaiting instruction from your office pursuant to advice from field examiner as to unacceptable condition of said surveys.
89	Dec. 9	A. B. Mader.....	South boundaries and subdivisions T. 16 N., R. 5 W., the fourth standard parallel north through R. 5 W.	Office work in progress.
(a)	1902. Feb. 20	.....do.....	Resurvey of the west boundaries of T. 16 N., R. 4 W.	Do.
90	1901. Dec. 16	Philip Contzen	The sixth standard parallel north through R. 8 E.; the eighth standard parallel north through Rs. 9, 10, 11, and 12 E.; the second guide meridian east through Tps. 25 to 32 N., inclusive; the third guide meridian east through T. 32 N.; all exterior and subdivisional lines of Tps. 31 and 32 N., Rs. 11 and 12 E.; Tps. 32 and 33 N., R. 10 E.	The sixth standard parallel north through Rs. 8 and 9 E., and second guide meridian east through T. 25 N. are accepted. Corrected notes for remaining surveys on file in this office.
(a)	1902. July 26	.....do.....	The sixth standard parallel north through R. 9 E.	
(a)	1903 Feb. 26	A. T. Colton.....	Connection of United States location monuments and surveyed mining claims in T. 1 N., R. 15 E., with lines of the public survey.	Notes returned to the deputy for corrections.

^a Special instructions.

^b Supplemental special instructions.

No.	Date.	Name of deputy.	Description of work.	Remarks.
94	1902 June 2	H. F. Robinson.....	Exterior and subdivisions to complete survey of T. 2 N., Rs. 3 and 4 E.	Office work in progress awaiting corrections by deputy.
97	June 30	Caudle & Caudle.....	Exterior and subdivisions of T. 25 N., Rs. 3 and 4 E., T. 24 N., R. 4 E., T. 21 N., R. 9 E., and all lines necessary to complete survey of fractional T. 21 N., R. 8 E.; west boundary and south half of east boundary of sec. 33, T. 21 N., R. 5 E., and east and west boundaries of sec. 4 of T. 20 N., R. 5 E.	Surveys approved by your office, except as to Tps. 20 and 21 N., R. 5 E., which returns have been transmitted for your approval.
(a)	Aug. 1	.....do	All resurveys and retracements necessary to execute above.	
(a)	Aug. 19	.....do	Resurvey of sixth standard parallel north through R. 4 E. and retracement through R. 3 E.	
100	June 30	H. B. Maxson	West boundary T. 18 N., Rs. 4 and 5 E.; north and east boundaries T. 18 N., R. 11 E.; north and west boundaries T. 17 N., R. 4 E., and subdivisions of T. 18 N., Rs. 4, 5, and 11 E. and T. 17 N., R. 4 E.	Bondsmen called upon to designate a compassman to execute surveys.
(a)	July 29	.....do	All resurveys and retracements necessary to execute the above.	
102	June 30	W. O. Secor.....	The south boundary of T. 19 N., Rs. 2 and 3 E.; 1 mile of the north boundary of T. 19 N., R. 6 E.; 3½ miles of the west boundary, and 1 mile of the south boundary, T. 18 N., R. 6 E.; 2 miles of north boundary, T. 17 N., R. 5 E.; 2½ miles of the east boundary of T. 17 N., R. 6 E.; the completion of the subdivisions, T. 20 N., R. 4 E.; the line between secs. 24 and 25, T. 20 N., R. 6 E.; the completion of the subdivisional lines of T. 19 N., Rs. 2, 3, and 6 E., T. 18 N., R. 6 E.; T. 17 N., Rs. 5 and 6 E.	Surveys accepted excepting as to T. 20 N., R. 6 E., which has been transmitted for your approval.
(b)	Aug. 5	.....do	The completion of range line between Rs. 2 and 3 E., T. 19 N.	
(a)	Aug. 6	.....do	All resurveys and retracements necessary to execute the above.	
105	Nov. 29	Philip Contzen	Survey of connecting lines and so much of the boundary lines of the San Rafael de la Zanja and the San Jose de Sonoita private land claims as is in Santa Cruz County, Ariz., and confirmed by United States Court of Private Land Claims.	San Rafael de la Zanja grant approved. Remaining portion of contract transmitted to your office and awaiting your approval.
(a)	1908 Feb. 24	.....do	Resurvey of sec. lines closing on San Jose de Sonoita private land grant.	
106	Apr. 16	S. E. Day	The south boundary of T. 27 N., R. 27 E.; south, east, and west boundaries, and subdivisions of T. 27 N., R. 26 E.	Deputy ordered to re-execute the contract.

a Special instructions.

b Supplemental special instructions.

GENERAL FIELD WORK.

Mileage and acreage embraced in surveys approved during the fiscal year ending June 30, 1904:

	M.	C.	L.
Base, standard or guide meridians	83	44	56
Township lines	295	77	14
Meander lines	13	7	98
Subdivisional and connecting lines	1, 270	76	51
Total	1, 663	46	19

Total acreage of lands, 461, 934. 33.

Returns of surveys under 22 contracts or special instructions were filed during the fiscal year.

Returns of surveys under 11 contracts or special instructions have been worked up during the fiscal year.

Returns of surveys under 9 contracts or special instructions have been partially worked up during the fiscal year.

The following plats and tracings have been prepared during the fiscal year just ended: 50 township plats in triplicate, 25 township exterior diagrams in duplicate, 8 plats of private-land grants, 3 tracings for the department, 35 tracings for deputies, etc., 10 tracings or plats for special agents, and 32 plats for the field examiner, aggregating 288 plats or tracings.

Transcript of field notes prepared, pages 1,476.

Descriptive sheets of 43 townships have been prepared.

Three reports of surveys of private-land grants have been prepared.

MINERAL DIVISION.

Number of deputy mineral surveyors commissioned during the year..... 11
Mineral surveys ordered during the fiscal year just ended..... 134

The locations embraced in above orders were as follows: 451 lode claims, 5 placer claims, 4 mill-site claims, making a total of 460 claims.

Survey orders that were amended during the year, 42, embracing 154 loads, 1 placer, and 5 mill sites.

Mineral surveys approved during the year just ending, 151.

The locations embraced in the approved surveys were as follows: 557 lodes, 18 placers, 35 mill sites, making a total of 610 claims.

In connection with the surveys that have been approved during the year there were prepared 622 plats showing 2,228 locations. It was also necessary to transcribe approximately 3,000 pages of field notes, affidavits, location notices, certificates of approval, etc.

When I assumed the duties of this office I found that the mineral department was about six months in arrears in its work, a condition which had obtained for some years past, and which caused a great amount of dissatisfaction among the applicants for mineral surveys. I have therefore made a special effort to bring this work as near up to date as practicable, so that now I can report that such surveys are approved within thirty to forty days after the returns are filed in this office.

In addition to the above there have never been any district mining sheets prepared for this office, and this work, as well as the segregation sheets showing the lot areas in township surveys resulting from mineral surveys, is being brought up to date as fast as possible.

There have been prepared so far 83 district mining sheets, embracing 2,054 surveyed claims. This work is of a difficult and uncertain nature, owing to the fact that most of the mining districts are situate in the mountainous districts on unsurveyed land, and I have not been able to secure authority to have the various mineral monuments connected with each other. I respectfully recommend that a special appropriation be asked for for this purpose.

Statement of accounts with the appropriations for the service of the office of United States surveyor-general for Arizona.

A.—SALARIES SURVEYOR-GENERAL AND CLERKS.

Appropriations.....		\$7, 800. 00
Paid salary surveyor-general	\$2, 000. 00	
Paid clerks	5, 536. 72	
Balance refunded to United States June 30, 1904.....	263. 28	
		<hr/> 7, 800. 00

B.—CONTINGENT EXPENSES.

Appropriation.....		\$1, 000. 00
Paid rent	\$381. 67	
Paid incidentals.....	585. 32	
Retained by General Land Office for freight.....	15. 52	
Balance refunded to United States June 30, 1904.....	17. 49	
		<hr/> 1, 000. 00

Statement of accounts of moneys deposited by individuals for the survey of public lands.

C.—OFFICE WORK AND STATIONERY—PUBLIC LANDS.

Amount deposited during the year.....		\$145. 00
Amount expended during the year	\$24. 00	
Balance to credit of office June 30, 1904.....	121. 00	
		<hr/> 145. 00

342 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

D.—OFFICE WORK AND STATIONERY—RAILROAD SURVEYS.

July 1, 1903, balance to credit of office.....	\$1, 196. 91	
Amount deposited during the year	1, 540. 00	
		2, 736. 91
Amount paid clerks and for stationery.....	\$1, 690. 25	
Amount refunded to railroad companies	598. 70	
Balance to credit of office June 30, 1904.....	447. 96	
		2, 736. 91

E.—OFFICE WORK AND STATIONERY—MINING CLAIMS.

Balance to credit of office July 1, 1903	\$35, 573. 99	
Deposits during the year:		
First quarter.....	\$3, 415. 00	
Second quarter.....	5, 260. 00	
Third quarter.....	2, 355. 00	
Fourth quarter.....	3, 820. 00	
Total.....		14, 850. 00
		50, 423. 99
Disbursements during the year:		
First quarter.....	\$1, 673. 50	
Second quarter.....	3, 973. 47	
Third quarter.....	3, 094. 55	
Fourth quarter.....	3, 239. 06	
Total.....		11, 980. 58
Balance to credit of office June 30, 1904.....		38, 443. 41

Correspondence of office.

	Received.	Dispatched.
Department letters	470	649
Miscellaneous letters	2, 312	2, 898
Total.....	2, 782	3, 547

Very respectfully,*

FRANK S. INGALLS,
United States Surveyor-General of Arizona.
 The COMMISSIONER OF THE GENERAL LAND OFFICE,
 Washington, D. C.

REPORT OF THE SURVEYOR-GENERAL OF CALIFORNIA.

OFFICE OF U. S. SURVEYOR-GENERAL FOR THE DISTRICT OF CALIFORNIA,
San Francisco, July 1, 1904.

SIR: In compliance with instructions contained in circular letter E, dated April 21, 1904, I have the honor to transmit herewith my annual report, in duplicate, of the surveying operations in this district for the fiscal year ending June 30, 1904.

During the year there have been received and properly recorded and indexed the following, viz:

Miscellaneous letters.....	2, 494
An increase over last year of 155.	
Department letters.....	352
Applications for—	
Survey of mining claims.....	158
Survey of agricultural lands.....	25
Number of settlers applying.....	41
Appointments as United States deputy mineral surveyors.....	28

There have been issued as follows:

Miscellaneous letters.....	2, 888
An increase over last year of 140.	
Department letters.....	499
An increase over last year of 111.	
Instructions for mining surveys.....	156
Amended orders for mining surveys.....	22
Orders for amended surveys.....	2
Orders for reports on mining claims.....	13
Contracts awarded.....	10
Aggregate liability of contracts and special instructions.....	\$9, 577. 30

Of this amount \$76.50 is payable from special deposits and \$9,500.80 from the appropriation for public lands.

Special deposits have been made as follows:

Mineral surveys.....	\$10, 260. 00
Township surveys (including O. W. and S. and field examination).....	681. 50
Total.....	10, 841. 50

Appended hereto is a list of United States deputy mineral surveyors who have qualified, showing dates of appointment and bond; also a list of all contracts and special instructions awarded.

List of appointments and reappointments, United States deputy mineral surveyors.

Name.	Date of appointment.	Bond.
Wirt R. Macmurdo.....	July 6, 1903	July 6, 1903
William S. Coulter.....	July 22, 1903	Aug. 3, 1903
John J. Goldsworthy.....	Aug. 13, 1903	Aug. 18, 1903
Arthur Hauman.....	Aug. 20, 1903	Aug. 20, 1903
Edward K. Dupont.....	Aug. 25, 1903	Aug. 25, 1903
John A. Brown.....	Sept. 1, 1903	Sept. 14, 1903
Warren V. Clark.....	Sept. 17, 1903	Sept. 17, 1903
Henry J. Jory.....	July 23, 1903	Sept. 28, 1903
Alfred B. Summers.....	Sept. 28, 1903	Sept. 30, 1903
Alfred Baltzell.....	Sept. 29, 1903	Oct. 3, 1903
Warren E. Murray.....	Sept. 28, 1903	Oct. 19, 1903

List of appointments and reappointments, United States deputy mineral surveyors—Cont'd.

Name.	Date of appointment.	Bond.
Henry Lahiff	Oct. 13, 1903	Oct. 17, 1903
Frank E. Herrick	Nov. 23, 1903	Nov. 23, 1903
Henry C. Schmidt	Dec. 9, 1903	Dec. 16, 1903
Charles W. Garside	Dec. 12, 1903	Dec. 18, 1903
Harvey J. Sarter	Jan. 23, 1904	Feb. 17, 1904
Joseph D. Cox	Feb. 18, 1904	Feb. 18, 1904
Thomas L. Darby	Feb. 12, 1904	Feb. 25, 1904
Harold C. Cloudman	Mar. 1, 1904	Mar. 7, 1904
Edward Dexter	Dec. 28, 1903	Mar. 1, 1904
Orville H. Packer	Mar. 21, 1904	Mar. 21, 1904
Frederick S. Schmidt	Oct. 10, 1903	Feb. 29, 1904
Will H. Earl	Feb. 8, 1904	Do.
Mason W. Buffington	Apr. 22, 1904	Apr. 22, 1904
Paul E. Lepoids	Mar. 21, 1904	Apr. 4, 1904
George J. C. Donaldson	Mar. 16, 1904	May 4, 1904
Porter P. Wheaton	Apr. 1, 1904	Apr. 13, 1904

CONTRACTS AWARDED DURING THE FISCAL YEAR ENDING JUNE 30, 1904.

Contract No. 221, dated August 5, 1903: Completion of public surveys in T. 13 N., R. 8 W., Mount Diablo meridian, as well as necessary resurveys and retracements connected therewith. Liability, \$436.50, payable from appropriation for surveys and resurveys of public lands for fiscal year ending June 30, 1904. David F. McIntire, deputy surveyor.

Contract No. 222, dated August 14, 1903: Section 35, T. 3 N., R. 12 W., San Bernardino meridian (necessary resurveys and retracements). Liability, \$387, payable from appropriation for fiscal year ending June 30, 1904. W. A. Sickler, deputy surveyor.

Contract No. 223, dated August 29, 1903: T. 5 S., R. 20 E., Mount Diablo meridian (completion of surveys in township). Liability, \$367.45, payable from appropriation year ending June 30, 1904. J. M. Doyle, deputy surveyor. This contract was not signed nor the bond executed; Mr. Doyle was released and survey readvertised.

Contract No. 224, dated October 26, 1903: T. 17 S., R. 2 E., T. 19 S., R. 1 E., Mount Diablo meridian (completion of public surveys in township). Liability, \$624.85, payable from appropriation year ending June 30, 1904. Lou G. Hare, deputy surveyor.

Contract No. 225, dated November 7, 1903: T. 8 N., R. 30 W., San Bernardino meridian (completion of public surveys in township). Liability, \$1,629, payable from appropriation year ending June 30, 1904. Austin F. Parsons, deputy surveyor.

Contract No. 226, dated November 21, 1903: Buena Vista rancho, resurveys and retracements of lines and corners necessary to locate the boundaries of the same as surveyed by J. C. Hays, deputy surveyor, and to give connections of those boundaries with public lands and lines of the rancho as patented. Liability, \$440, appropriation for year ending June 30, 1904. W. A. Sickler, deputy surveyor.

Contract No. 227, dated March 22, 1904: T. 5 S., R. 20 E., Mount Diablo meridian (completion of public surveys in township). Liability, \$366, payable from appropriation for surveys and resurveys, etc. W. A. Sickler, deputy surveyor.

Contract No. 228, dated April 22, 1904: T. 13 N., R. 9 E., Mount Diablo meridian, sections 31, 32, 33, and 34, resurveys and retracements necessary to complete new work (the new work being provided for under special instructions in lieu of a contract). Liability, \$367, payable from appropriation. William Burton, deputy surveyor.

Contract No. 229, dated June 7, 1904: T. 2 N., R. 13 W., San Bernardino meridian, completion of public surveys in township and necessary resurveys and retracements in connection therewith. Liability, \$800, payable from appropriation. Clinton Gurnee, deputy surveyor.

Contract No. 230, dated June 4, 1904: T. 4 N., R. 10 W., San Bernardino meridian, sections 11 and 12, completion of public surveys in sections and necessary resurveys and retracements connected therewith. Liability, \$200, payable from appropriation. William W. Allen, deputy surveyor.

The following contracts were awarded during the fiscal year ending June 30, 1903, but owing to delay in filing the bonds the liabilities were made payable from the appropriation for surveys and resurveys for the fiscal year ending June 30, 1904:

Contract No. 218, dated May 23, 1903: T. 1 N., Rs. 2, 3, and 4 E.; T. 2 N., R. 3 E., San Bernardino meridian, necessary resurveys and retracements to complete sur-

veys in township. Liability, \$696, payable from appropriation for surveys and resurveys. Legrand Friel, deputy surveyor.

Contract No. 219, dated May 26, 1903: T. 13 S., Rs. 13, 14, and 15 E.; T. 14 S., Rs. 13, 14, and 15 E.; T. 15 S., Rs. 13, 14, and 15 E.; T. 16 S., Rs. 13, 14, 15, 17 S., 15 and 16 E., San Bernardino meridian, resurvey of exterior lines of townships. Liability, \$1,709, payable from appropriation for surveys and resurveys of public lands. Amzi A. Henderson, deputy surveyor.

Contract No. 220, dated June 3, 1903: T. 5 S., R. 4 E., Humboldt meridian, completion of public surveys in township, as well as resurveys and retracements necessary to complete said surveys. Liability, \$780, payable from appropriation for surveys and resurveys. Frank A. McKee, deputy surveyor.

SPECIAL INSTRUCTIONS IN LIEU OF CONTRACTS.

To David F. McIntire, deputy surveyor, dated October 23, 1903: Survey of claim of William C. Randolph in Tps. 12 and 13 N., R. 10 W., Mount Diablo meridian, and necessary resurveys and retracements. Liability, \$132, payable from appropriation for surveys and resurveys of public lands, year ending June 30, 1904.

To Charles A. Robinson, deputy surveyor, dated August 19, 1903: Providing for survey of east boundary of Tps. 7 and 8 S., R. 5 E., San Bernardino meridian. Liability, \$276, payable from special deposits by Southern Pacific Railroad Company (already included in original estimate for deposits of last fiscal year).

To George W. Pearson, deputy surveyor, dated August 19, 1903: Providing for delimitation of west boundary of Tps. 7 and 8 S., R. 6 E., San Bernardino meridian, from contract No. 196, of October 2, 1902.

To Legrand Friel, deputy surveyor, dated March 16, 1904: Special supplemental instructions for subdivisions in T. 1 N., R. 4 E., additional to instructions under contract Nos. 217 and 218.

To W. A. Sickler, deputy surveyor, dated March 19, 1904: Providing for survey of claim of Alexis Lemouton in sections 24 and 25, T. 4 N., R. 8 W., San Bernardino meridian. Liability, \$280, payable from appropriation for surveys and resurveys of public lands.

To Charles W. Garside, deputy surveyor, dated March 31, 1904: Appointing him compassman to complete surveys and resurveys provided for in J. F. Abbott's contract, Nos. 200 and 201, October 8, 1902.

To Ernest A. Zoellin, deputy surveyor, dated April 14, 1904: Providing for surveys of secs. 30 and 31, T. 44 N., R. 6 W., Mount Diablo meridian. Liability \$172, payable from appropriation for surveys and resurveys of public lands year ending June 30, 1904.

To William Burton, deputy surveyor, dated April 22, 1904: Providing for new work necessary to complete public surveys in secs. 31, 32, 33, and 34, T. 13 N., R. 9 E., Mount Diablo meridian. Liability \$60, payable from special deposits by Central Pacific Railroad Company, per certificate No. 32, dated March 8, 1904.

To Solomon H. Finley, deputy surveyor, dated June 7, 1904: Providing for survey of tract of land in secs. 1 and 2, T. 7 S., R. 10 W., San Bernardino meridian. Liability \$16.50, payable from special deposit by Joseph Ferguson, per certificate of deposit No. 4006, dated May 3, 1904.

To Solomon H. Finley, deputy surveyor, dated June 7, 1904: Providing for necessary resurveys and retracements in connection with new work in T. 7 S., R. 10 W., San Bernardino meridian, provided for in special instructions of even date. Liability \$18.50, payable from the appropriation for surveys and resurveys of public lands for fiscal year ending June 30, 1904.

Number of contracts awarded during current fiscal year.....	10
Number of special instructions issued in lieu of contracts.....	10

The decrease in number of contracts is accounted for by the fact that eight of the applications for survey which were submitted to the Department during the present fiscal year have been suspended, waiting for an officer to be detailed by the Department to examine the bona fides of alleged settlers. These surveys, if embraced in awarded contracts, would amount, at special maximum rates, to \$6,087.50, in addition to the liabilities as stated.

Number of applications for survey.....	25
Number of applicants.....	41
Surveys approved by surveyor-general.....	21

The extent and character of surveys approved in the year ending June 30, 1904, are as follows:

Township.	Range.	Meridian.	By whom surveyed.	Contract.		Standard meridian and base lines.	Township lines.	Subdivision and connecting lines.	Grant and meander lines.	New areas surveyed.
				No.	Date.					
24 N	12 W.	M. D.	Geo. W. Pearson	161	July 2, 1900	M. C. L.	M. C. L.	M. C. L.	M. C. L.	Acres.
24 N	13 W.	M. D.	do.	161	do.	12 79 60	12 79 60	32 32 90	8 77 29	12,621.14
23 N	16 W.	M. D.	do.	161	do.	1 83	1 83	4 51 62	5 45 0	1,958.97
24 N	16 W.	M. D.	do.	161	do.	7 22 21	7 22 21	28 40 34		6,600.18
9 N	19 W.	S. B.	do.	161	do.	9 76 53	9 76 53	41 40 18		12,416.46
13 S	26 E.	S. B.	Austin F. Pearson	Inst.	July 11, 1901			15 31 24	3 9 75	1,073.78
25 S	18 E.	M. D.	Geo. W. Pearson	159	Oct. 8, 1900			4 29 36		9,852.88
6 S	7 E.	M. D.	John H. Garber	168	Jan. 23, 1901			17 40 61		9,437.78
48 N	9 E.	S. B.	Wm. A. Sickler	195	Oct. 4, 1902			23 6 42		8,460.98
2 N	12 W.	M. D.	Clifford H. Towle	193	Aug. 21, 1902			3 0 0		10,934.13
42 N	5 E.	S. B.	David J. McPherson	Inst.	Dec. 17, 1902			1 20 0		160.00
42 N	4 E.	M. D.	Clifford H. Towle	203	Dec. 18, 1902			8 68 66		11,295.43
13 S	34 E.	M. D.	do.	203	do.	12 3 95	12 3 95	60 49 9		22,706.14
			Solon A. Hanson	144	May 28, 1897	3 0 0	1 0 0	34 23 39		9,693.12
12 N	1 E.	H. M.	T. M. Hurlburt	Inst.	Mar. 9, 1903			9 32 46	8 17 4	
			(G. L. O.)							
22 N	7 W.	M. D.	Thos. L. Knoek	188	May 3, 1902			37 15		976.85
22 N	8 W.	M. D.	do.	188	do.	3 5 64	3 5 64	4 2 97		6,447.15
23 N	8 W.	M. D.	do.	188	do.	7 47 87	7 47 87	25 22 1		486.57
23 N	9 W.	M. D.	do.	188	do.	6 40 70	6 40 70	2 0 87		318.17
2 N	12 W.	S. B.	Wm. A. Sickler	222	Aug. 14, 1903			1 38 43		160.00
3 N	12 W.	S. B.	do.	222	do.	3 0 0	3 0 0	1 39 85		1,440.00
			(G. L. O.)					5 0 20		
17 N	2 E.	H. M.	T. M. Hurlburt	Inst.	Mar. 9, 1903			7 27 59		
			(G. L. O.)							
47 N	2 E.	M. D.	Geo. F. Wakefield	145	Oct. 19, 1897			24 78 98	10 6 35	6,950.22
48 N	1 E.	M. D.	do.	145	do.	1 63 59	1 63 59	11 41 77	10 49 50	3,391.60
48 N	2 E.	M. D.	do.	145	do.	5 77 90	5 77 90	35 70 60	5 5 3	1,988.83
7 S	6 W.	S. B.	Wm. A. Sickler	215	Mar. 28, 1903			2 50 40	6 0 0	13,805.94
8 S	6 W.	S. B.	do.	215	do.	13 33 43	13 33 43	2 50 40	3 44 50	777.31
22 N	17 W.	M. D.	Henry J. Randall	180	Sept. 21, 1901			5 2 66		3,357.37
24 N	17 W.	M. D.	do.	180	do.	14 3 88	14 3 88	53 2 83		13,813.22
28 N	6 E.	M. D.	Victor S. Barber	191	Nov. 22, 1902			33 30 77		7,410.77
			Total			3 0 0	179 49 79	633 43 58	61 15 46	176,889.99

Work of drafting office for the year ending June 30, 1904.

Month and year.	Township maps.					Mineral lands, quartz and placer claims.					Sundries.			Total for month and year.	
	Exteriors.		Subdivisions.												
	Original.	Department.	Original.	Department.	Register.	Original.	Department.	Register.	Posters.	Sectional dia- grams.	Tracings.	General maps.	Tracings for departments.		Miscellaneous.
1903.															
July				1	4	17	17	17	57	3	1		3	4	124
August	4	1	4	2	2	13	14	12	51	20			19	4	146
September	1		3	2	4	17	17	17	37	34			6	5	143
October				3	1	14	14	14	14	45			8	4	117
November	1	4	2	4		4	4	4	4	39			17	4	87
December		2		2	3	15	15	15	15	45			4	5	121
1904.															
January	1	1	3	3	3	4	4	4	4	48			2		77
February	4	1	13	3	4	6	7	7	6	13				4	68
March	3	3	9	13	1	10	10	9	9	57			5	7	136
April	1	2	4	5	4	11	11	11	11	4			25	10	99
May	1		2	3	6	10	10	9	8	14			3	10	76
June	1	2	1	2	8	8	9	8	8	2	1	1	11		62
Total	17	16	41	43	40	129	132	127	224	324	2	1	103	57	1,256

SPANISH ARCHIVES.

The year just completed has been a very busy one, and much valuable work has been accomplished.

Notwithstanding the time taken up by visitors and others consulting these archives, the task of indexing the bound volumes of manuscripts has gone on steadily.

From volume 117 to 138, inclusive, 22 volumes, an average of 2 volumes a month, containing a total of 18,041 pages, have been condensed into 622 closely-written pages of English index; and this laborious task is fully appreciated by those consulting these records whose knowledge of Spanish is not sufficient to enable them to understand the original manuscripts with their quaint and obsolete spelling, and, often, almost obliterated writing.

The most notable among the contents of these volumes are: The visits of Russian, French, and English scientific expeditions; of George Vancouver, Puget, and other navigators; the Russian and English Commercial Company; Lord Cochrane and the insurgents of North and South America; the cultivation of hemp; forest fires; the census; meteorological observations; the war of independence; trouble caused by English and American whalers and smugglers; laws against foreign shipping; withdrawal of the artillery corps and its replacement by militia; treatment of the Indians, mission escort; military reports, etc.

The number of visitors reached 158, and may be divided into three classes, as follows:

First. Lawyers, to examine original land grants, the principal of which were land claims No. 193, E. Molino; No. 541, Baulinas; No. 404, Alamito; No. 156, Jacinto; No. 609, Canada de los Pinos; No. 4, San Antonio Rancho; No. 405, La Balsa Chica; No. 609, E. Carmelo; No. 104, Saucelito; No. 528, Jesus Maria Rancho, etc.

Second. Authors in search of material for historical compilations, notably the Franciscan clergy, who are compiling a history of their order in upper California.

Third. Magazine and newspaper writers in search of themes for articles, of which the following have appeared in print:

The Vigilance Committee at Los Angeles in 1838; Frauds on the Old Spanish and Mexican Land Grants; The First Divorce Case, Casilda Sepulveda v. Antonia Teodoro Trujillo; An International Romance, Rezanoff and Concepcion Arguello; The First Elopement, Josefa Carrillo with Capt. Henry D. Fitch; An Adept Smuggler; Abel Stearns, etc.

The above show not only the utility of the archives to the public, but also the tax on the time of their keeper.

Very respectfully,

W. S. GRAHAM,
United States Surveyor-General of California.

THE COMMISSIONER OF THE GENERAL LAND OFFICE,
Washington, D. C.

REPORT OF THE SURVEYOR-GENERAL OF COLORADO.

OFFICE OF THE UNITED STATES SURVEYOR-GENERAL,
Denver, Colo., July 1, 1904.

SIR: In accordance with instructions in your circular letter "E" dated April 21, 1904, I have the honor to submit in duplicate the following annual report of the surveying operations in this district for the fiscal year ending June 30, 1904:

LAND DIVISION.

Acres of agricultural land surveyed and accepted by General Land Office.	111, 915
Miles of lines surveyed and accepted by General Land Office	459
Plats made of exterior and subdivisional surveys	61
Irregular supplemental diagrams made at request of General Land Office.	20
Irregular supplemental diagrams made at request of local land offices.	20
Tracings of official plats furnished special agents General Land Office ...	15
Diagrams made to accompany special instructions to deputies	42
Diagrams made for use of examiners of surveys	20
Original segregation diagrams of surveyed sections, showing mineral surveys and fractional lottings made during the year in conformity with paragraph 37 on page 30, General Land Office Mining Laws Circular, approved July 26, 1901	78
Amended	86
Segregation diagrams of such sections made on small scale and transmitted to General Land Office	164
Segregation diagram tracings of such sections made and transmitted to local land offices	164
Total number of sections of surveyed lands affected by mineral surveys in this district	1, 652
Original segregation diagrams of such sections made to date	1, 134
Contracts entered into for survey of public lands, payable from annual appropriation	14
Special instructions prepared in quadruplicate and issued to contracting deputies	14
Special deposits by Union Pacific Land Company during current fiscal year for survey of public lands, heretofore executed, as follows: For field work, \$29,983.60; for office work, \$4,995.72	\$34, 979. 32

A new general index of all surveys in the land division, containing 456 pages, has been made during the year.

STATEMENT OF SURVEYS UNDER CONTRACTS NOT CLOSED AT DATE OF LAST ANNUAL REPORT.

Benj. F. Clark, deputy surveyor, contract No. 814, dated February 14, 1901, for balance of survey of 1 township.

E. R. Warren, deputy surveyor, contract No. 815, dated March 19, 1901, for survey of part of 2 townships.

Benj. F. Clark, deputy surveyor, special instructions dated September 25, 1900, for extension survey in 1 township.

Leonard Cutshaw, deputy surveyor, contract No. 818, dated January 8, 1902, for survey of 12 townships.

B. F. Bailey, deputy surveyor, contract No. 821, dated June 11, 1902, for survey of 1 township.

W. H. Wigglesworth, deputy surveyor, contract No. 822, dated August 1, 1902, for resurvey of part of one township and metes and bounds survey of agricultural claims.

B. F. Clark, deputy surveyor, contract No. 823, dated December 8, 1902, for survey of 1 township.

Wm. H. Lea, deputy surveyor, contract No. 825, dated May 28, 1903, for survey of 1 township.

A. E. Sprague, deputy surveyor, special instructions dated August 2, 1902, for extension survey in 1 township.

Frank V. Alkire, deputy surveyor, contract No. 824, dated February 28, 1903, for survey of portions of 2 townships, under special deposit system.

Statement of contracts entered into with deputy surveyors for the survey of public lands in Colorado, during the fiscal year ending June 30, 1904, payable from the annual appropriation for that year.

No.	Date of contract.	Name of deputy.	Character of work.	Estimated liability.
(a)	Sept. 28, 1903	E. L. Faison, jr.	Fractional T. 2 N., R. 79½ W.	(b)
826	Oct. 28, 1903	John W. Irion	T. 7 S., R. 83 W.	\$220.00
827	May 18, 1904	Arthur Bradt	T. 32 N., R. 2 W.	434.00
(a)	May 19, 1904	F. I. Huntington	Sec. 1, T. 2 S., R. 79 W.	36.00
828	June 22, 1904	Wm. H. Clark	Standard and meridians	5,600.00
829	June 23, 1904	Benj. F. Clark	Exteriors and subdivisions	5,000.00
830	.....do.....	James M. Clark .....	.....do.....	5,000.00
831	June 27, 1904	Wm. S. Taylor .....	.....do.....	5,000.00
832	June 23, 1904	C. C. Schrontz .....	.....do.....	5,000.00
833	.....do.....	Alonzo H. Adams .....	.....do.....	5,000.00
834	June 25, 1904	Albion K. Vickery .....	.....do.....	5,000.00
835	.....do.....	Wm. C. O'Brien .....	.....do.....	5,000.00
836	.....do.....	Chas. S. Booth .....	.....do.....	5,000.00
837	.....do.....	Le Roy E. Young .....	.....do.....	4,400.00

a Special instructions.

b Examiner of surveys.

Surveys accepted by General Land Office during fiscal year ending June 30, 1904.

No.	Date.	Deputy.	Township and range.	Meridian.	Distance.	Area.	Account allowed.
					<i>M.</i> <i>C.</i> <i>L.</i>	<i>Acres.</i>	
814	Feb. 14, 1901	B. F. Clark	47 N., 13 W.	New Mexico..	60 62 38	23,277.38	\$424.54
818	Jan. 8, 1902	L. Cutshaw	49 to 51 N., 17 to 20 W.	.....do.....	361 36 62	82,112.48	2,762.08
(a)	Sept. 25, 1900	B. F. Clark	1 N., 104 W.	Sixth	11 93 45	2,408.96	70.00
(a)	Aug. 2, 1902	A. E. Sprague	4 N., 73 W.	.....do.....	11 00 10	3,199.84	75.00
(a)	Sept. 28, 1903	E. L. Faison, jr. ..	2 N., 79½ W.	.....do.....	13 63 68	916.19	.....

a Special instructions.

Statement of contracts under which deputy surveyors have been granted an extension of time in which to complete surveys and make returns.

No.	Date.	Deputy.	Character of survey.	Estimated liability.
822	Aug. 1, 1902	W. H. Wigglesworth ..	Exteriors and subdivisions and metes and bounds of agricultural claims.	\$425.00
824	Feb. 28, 1903	F. V. Alkire	Exteriors and subdivisions under "Special deposit."	340.00

Surveys completed and approved by the surveyor-general, not yet accepted by the General Land Office.

No.	Date.	Deputy.	Character of survey.	Accounts submitted.
815	Mar. 18, 1901	E. R. Warren	Exteriors and subdivisions	\$600.00
821	June 11, 1902	B. F. Bailey .....	.....do.....	420.05
823	Dec. 8, 1902	B. F. Clark .....	.....do.....	531.13
825	May 28, 1903	Wm. H. Lea .....	.....do.....	249.34

Contract No. 822, dated August 1, 1902, Wm. H. Wigglesworth, deputy surveyor, resurvey of portion of T. 35 N., R. 11 W., and metes and bounds survey of agricultural claims, has been completed in the field, and the plats and transcripts are now being prepared in this office.

MINERAL DIVISION.

Statement of official orders issued during the fiscal year ending June 30, 1904.

Nature of work.	Number.	Lodes.	Placers.	Mill sites.
Orders from original surveys, 1903:				
July.....	62	137	8	3
August.....	80	161	2	7
September.....	65	153	7	4
October.....	65	129	9	1
November.....	62	152	4	3
December.....	47	113	1	7
Orders for original surveys, 1904:				
January.....	46	135	4	3
February.....	34	57	3	.....
March.....	41	71	6	3
April.....	24	56	2	.....
May.....	29	64	4	.....
June.....	38	83	5	.....
Total.....	593	1,311	55	31
Amended orders for original surveys.....	35	.....	.....	.....
Total.....	628	1,311	55	31
RECAPITULATION.				
Total original survey orders issued.....	628	.....	.....	.....
Total orders for amended surveys issued.....	4	.....	.....	.....
Orders for joint survey issued.....	4	.....	.....	.....
Total official orders issued.....	636	.....	.....	.....
Original surveys approved, 1903:				
July.....	24	36	1	.....
August.....	39	123	3	2
September.....	47	102	10	2
October.....	102	263	5	7
November.....	67	157	9	8
December.....	70	145	4	2
Original surveys approved, 1904:				
January.....	52	112	5	5
February.....	59	155	7	9
March.....	55	149	2	1
April.....	48	99	6	4
May.....	20	124	3	1
June.....	27	98	2	.....
Total.....	610	1,563	57	41
Amended surveys and plats approved.....	83	175	3	.....
Total.....	693	1,738	60	41
Reports on placers and certificates of expenditure approved.....	60	.....	.....	.....
RECAPITULATION.				
Original surveys approved.....	610	.....	.....	.....
Amendments to surveys approved.....	83	.....	.....	.....
Reports and certificates approved.....	60	.....	.....	.....
Total.....	753	.....	.....	.....

Original surveys before the Office June 30, 1904.

	Number.	Locations.
Under examination or returned for correction.....	44	121
Being made up.....	18	38
Total.....	62	159
Orders issued and surveys not filed.....	75	146

Amended surveys before the Office June 30, 1904.

Awaiting action of claimants	31
Cases in Office under examination	6

Connected sheets and mineral plats.

Old connected sheets	1,691
New connected sheets constructed	19
Old connected sheets reproduced	17
Mineral plats made	2,968
Field notes, reports, and affidavits prepared	825

Letters.

General Land Office letters received	520
Miscellaneous letters received	4,200
General Land Office letters written	730
Miscellaneous letters written	2,500

Deputy mineral surveyors.

Number in good standing	137
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STATEMENT OF ACCOUNTS.

Salaries surveyor-general and clerks.

Received from appropriation	\$13,500.00
Paid surveyor-general	2,000.00
Paid clerks	11,499.76
Balance refunded, as per certificate of deposit dated June 30, 1904, issued by the First National Bank of Denver, Colo. ....	.24
	<hr/> 13,500.00

Contingent expenses.

Received from appropriation	\$3,550.00
Received from Leadville land office for 100 sheets drawing paper	13.00
Paid for office rent	1,200.00
Paid to messenger	720.00
Paid for incidentals	1,595.14
Balance refunded, as per certificate of deposit, No. 5173, dated June 30, 1904, issued by the First National Bank of Denver, Colo.	47.86
	<hr/> 3,563.00

Deposits by individuals for office work on survey of mineral claims.

Balance in United States Treasury July 1, 1903	\$19,569.67
Deposits during fiscal year:	
July, 1903	\$4,250.00
August, 1903	5,975.00
September, 1903	3,710.00
October, 1903	3,620.00
November, 1903	4,740.00
December, 1903	2,860.00
January, 1904	3,995.00
February, 1904	1,950.00
March, 1904	2,135.00
April, 1904	1,660.00
May, 1904	1,860.00
June, 1904	2,805.00
	<hr/> 39,560.00
Total	<hr/> 59,129.67

Drafts from United States Treasury.

July 20, 1903	\$15,000.00	
October 29, 1903	10,000.00	
February 2, 1904	12,000.00	
April 19, 1904	11,000.00	
		<hr/> \$48,000.00
July 1, 1904, balance in United States Treasury	11,129.67	

Special deposits office account.

July 1, 1903:		
Balance in First National Bank, Denver, Colo	\$1,958.92	
Drafts from United States Treasurer, as above	48,000.00	
		<hr/> \$49,958.92

DISBURSEMENTS.

Paid clerks and incidentals quarter ending—		
September 30, 1903	12,195.50	
December 31, 1903	12,874.24	
March 31, 1904	11,826.58	
June 30, 1904	10,309.64	
		<hr/> 47,205.96

July 1, 1904:		
Balance in First National Bank, Denver, Colo	2,752.96	
		<hr/>
Balance in United States Treasury	11,129.67	
Balance in First National Bank, Denver, Colo	2,752.96	
		<hr/>

Total balance to credit of Office 13,882.63

Respectfully submitted.

JOHN F. VIVIAN, *United States Surveyor-General of Colorado.*

The COMMISSIONER OF THE GENERAL LAND OFFICE,
Washington, D. C.

REPORT OF THE SURVEYOR-GENERAL OF FLORIDA.

OFFICE OF UNITED STATES SURVEYOR-GENERAL,
Tallahassee, Fla., July 1, 1904.

SIR: In compliance with instructions contained in your circular letter E of April 21, 1904, I have the honor to transmit herewith, in duplicate, my report of surveying operations in the district of Florida for the fiscal year ending June 30, 1904.

APPLICATIONS FOR SURVEYS.

Applications for surveys have been made as follows:

February 8, 1904, application by Mr. Nicholas Armeda, for survey of an island in Estero Bay, in sec. 11, T. 47 S., R. 24 E.; approved by the Department May 28, 1904; special instructions submitted for examination June 3, 1904; approved June 9, 1904; sent to Deputy Joseph F. Shands June 14, 1904.

February 8, 1904, application by Mr. Jerome Walker, for survey of an island in the Caloosahatchie River, in sec. 33, T. 43 S., R. 25 E. Owing to lack of care on the part of the applicant in responding to call for necessary information, the papers in this case are not yet complete.

February 16, 1904, application of Mr. William W. Kitchell for the survey of an island in the Caloosahatchie River, in sec. 33, T. 45 S., R. 23 E., was renewed (original application filed October 11, 1899). Approved by the Department May 28, 1904; special instructions submitted for examination June 3, 1904; approved June 9, 1904; sent to Deputy Robert B. Leak June 14, 1904.

March 5, 1904, application by Messrs. Bushnell & Nelson for the survey of four islands in Lake Tsala Apopka, in secs. 14 and 15, T. 20 S., R. 20 E. Instructions as to procedure sent them March 7, 1904. Nothing further has been heard.

March 5, 1904, application by Mr. W. N. Brown for the survey of an island in Charlotte Harbor, in sec. 34, T. 42 S., R. 21 E. Instructions as to procedure sent March 7, 1904. Nothing further has been heard.

March 24, 1904, application by Mr. G. R. Jones for the survey of "Garden Key" in Pine Island Sound, in secs. 24 and 25, T. 44 S., R. 22 E. Instructions as to procedure sent March 25, 1904. Nothing further has been heard.

The application of J. C. Pettersen for the survey of an island in Pensacola Bay, filed June 19, 1903, was opposed by the Brent Lumber Company, occupying the island, and testimony filed by both parties at interest. The evidence submitted was so conflicting that the Department was unable to reach a decision, and applicant was informed that he must apply for a hearing if he desired to push the application further. This action was taken by him on June 14, 1904, and hearing ordered for 10 o'clock a. m. June 30, 1904, before F. W. Marsh, clerk United States circuit court, Pensacola, Fla. Final hearing (examination of papers by the United States surveyor-general) at 10 o'clock a. m. July 5, 1904.

PLATS PREPARED.

Plats prepared for Capt. Francis R. Shunk, Engineer Corps, U. S. Army.—T. 18 S., R. 28, E.; T. 19 S., R. 28 E.; T. 18 S., R. 30 E.; T. 26 S., R. 31 E.; T. 25 S., R. 32 E.; T. 26 S., R. 32 E.; T. 20 S., R. 33 E.; T. 18 S., R. 34 E.; T. 20 S., R. 34 E.; T. 21 S., R. 34 E.; T. 23 S., R. 34 E.; T. 19 S., R. 35 E.; T. 29 S., R. 35 E.; T. 27 S., R. 36 E.; T. 31 S., R. 38 E.; T. 33 S., R. 39 E.

Plat prepared for Special Agent Fred. Hoisington.—T. 17 S., R. 16 E.

Plat prepared for register United States land office at Gainesville, Fla.—Sec. 4, T. 1 N., R. 7 W.

Fifteen plats prepared in connection with returns of surveys by Deputy J. T. Hancock, jr., under his contract No. 11, about the northern end of Lake Okeechobee.

Plats prepared in connection with special instructions.—T. 47 S., R. 24 E., in triplicate; part of T. 45 S., R. 23 E., in triplicate; diagram illustrating proposed subdivision of T. 40 S., R. 26 E., in triplicate.

354 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

FIELD NOTES SUPPLIED GOVERNMENT AGENTS.

July 9, 1903, transcript of field notes of survey of sections 3 and 4, T. 8 S., R. 30 E., sent Special Agent Antoine Paul.

December 5, 1903, transcript of field notes of survey of south boundary of T. 14 S., R. 13 E., sent Special Agent Antoine Paul.

February 24, 1904, transcript of field notes of survey of 120 miles of Government lines sent to Special Agent E. D. Stanford.

CONTRACTS.

Under date of August 1, 1903, Contract No. 12 was entered into with Joel A. Barber for the subdivision of T. 40 S., R. 26 E. Estimated liability, \$500.

No other contract has been entered into during the year, but special instructions have issued as follows, the formality of a contract being deemed unnecessary:

June 3, 1904, instructions to Joseph F. Shands for survey of island in Estero Bay, in sec. 11, T. 47 S., R. 24 E. Estimated liability, \$25.

June 3, 1904, instructions to Robert B. Leak for survey of island in mouth of Caloosahatchie River, in sec. 33, T. 45 S., R. 23 E. Estimated liability, \$35.

RETURNS OF SURVEYS.

Under date of September 29, 1903, the returns of survey about the northern end of Lake Okeechobee, executed by Deputy J. T. Hancock, jr., under his contract No. 11, were transmitted to Washington for approval.

SWAMP-LAND SELECTIONS.

Lists of swamp-land selections by the State of Florida have been sent up recommended for approval as follows:

	List No.	Acres.
July 6, 1903.....	106	39.44
July 29, 1903.....	107	1,300.05
July 30, 1903.....	108	117.00
January 21, 1904.....	109	39.89
March 19, 1904.....	110	767.92
May 2, 1904.....	111	1,606.43

RECOMMENDED FOR REJECTION.

Under date of August 24, 1903, the State of Florida filed a swamp-land list aggregating 9,584.76 acres, which was recommended for rejection; an appeal was taken and the tracts examined by a special agent of the Department, in whose report it was shown that 1,606.43 acres of the 9,584.76 acres claimed could be classed as swamp. Approved list No. 111 embraces these tracts.

CORRESPONDENCE.

Departmental letters received	82	
Miscellaneous letters received	370	
		452
Departmental letters written	144	
Miscellaneous letters written	497	
		641

APPROPRIATIONS AND EXPENDITURES.

Appropriations for salaries	\$3,000	
Expenditures on account of salaries	3,000	
Contingent appropriation		500
Expenditures on contingent account.....	\$480.02	
Balance covered into Treasury	19.98	
		500

Respectfully submitted.

EDMUND C. WEEKS,
United States Surveyor-General of Florida.

The COMMISSIONER OF THE GENERAL LAND OFFICE.

REPORT OF THE SURVEYOR-GENERAL OF IDAHO.

OFFICE OF UNITED STATES SURVEYOR-GENERAL,
Boise City, June 30, 1904.

SIR: In compliance with your circular letter E, dated April 21, 1904, I have the honor to submit, in duplicate, the annual report of surveying operations in the district of Idaho for the fiscal year ended June 30, 1904, with tabular statements as follows:

Exhibit A 1.—Statement of contracts and special instructions (in lieu of contract) awarded during fiscal year ended June 30, 1904.

Exhibit A 2.—Statement of special instructions (in lieu of contract) awarded, payable from special deposits by individuals, for fiscal year ended June 30, 1904.

Exhibit A 3.—Statement of contracts awarded, payable from continuing appropriation account Northern Pacific Railway, for fiscal year ended June 30, 1904.

Exhibit B.—Statement showing status of public land surveys under contracts and special instructions (in lieu of contract) for fiscal year ending June 30, 1904.

Exhibit C.—Detailed statement of performance of work in the field and mileage of approved surveys executed.

Exhibit D.—Statement of accounts.

Idaho is settling up more rapidly than any other State. Especially is this true of the six large interior counties. Large areas of the State are in no way connected with the public survey, and even though sustaining substantial settlements, applications for survey can not receive consideration when not in the progress of the work. Parallels and auxiliary meridians should be properly extended over all these areas in order that subdivisional surveys could be made to better meet the needs of settlement. It would also be of great benefit to the miner as well. Mineral monuments could be connected with these surveys, thereby giving a definite location to each mining district and claim, and the necessity for many voluminous segregation plats would thus be obviated.

In view of the lack of bids offered for fractional townships included in late lists calling for proposals to execute public surveys, it would seem that it is neither good practice from a professional point of view nor economical in the long run to the Government to ask for the survey of a part of a township, except to complete the survey of same. Whenever the completion of the survey of any township has been ordered the cost of retracement, resurveys, and reestablishment of defective corners has always exceeded the cost of completely sectionizing the township in the first instance. Moreover, such small tracts can only be contracted for at the highest rates allowable. There are many fractional townships in the State at the present time for which no responsible deputy will accept even the maximum rates for the work that is to be done, and it then devolves upon those desiring the survey to make up the difference, which is contrary to law, and is accepted with risk by the deputy executing the work.

Very respectfully,

ERNEST G. EAGLESON,
United States Surveyor-General of Idaho.

THE COMMISSIONER OF THE GENERAL LAND OFFICE,
Washington, D. C.

356 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

A 1.—Statement showing contracts awarded and special instructions (in lieu of contract) issued, payable from the apportionment of \$32,000 from appropriation by act of Congress approved March 3, 1903, for surveys and resurveys of public lands for the fiscal year ending June 30, 1904.

Contract.		Name of deputy.	Description of surveys.	Liability.	Approved by Commissioner.
No.	Date.				
246	1903. Nov. 10	George W. Fenley....	All of the meander, section, and connection lines necessary to complete the survey of such parts of the following townships as are strictly adapted to agriculture: T. 1 N., R. 5 W.; T. 1 S., R. 5 W.; T. 10 N., R. 3 W.; T. 3 S., R. 1 E.; T. 11 S., R. 1 E., and T. 2 N., R. 4 E.	\$3,200	Dec. 2, 1903
251	1904. June 9	Ernest P. Rands and Harold A. Rands.	All of the meander, section, and connection lines necessary to complete the survey of such parts of the following townships as are strictly adapted to agriculture: T. 48 N., R. 2 W.; T. 49 N., R. 3 W.; T. 42 N., R. 4 W.; T. 52 N., R. 5 W.; T. 56 N., R. 1 W.; T. 65 N., R. 2 W.	3,260	June 29, 1904
252	June 11	Wm. J. Rafferty.....	All of the standard, meander, township exterior, section, and connection lines necessary to complete the survey of such parts of the following townships as are strictly adapted to agriculture: Group 1—T. 50 N., R. 3 W.; T. 51 N., R. 3 W.; Group 2—T. 11 S., R. 4 E.; T. 13 S., R. 5 E.; E. $\frac{1}{4}$ T. 12 S., R. 4 E.; E. $\frac{1}{4}$ T. 3 S., R. 20 E., and N. $\frac{1}{4}$ T. 4 S., R. 20 E.	3,415	June 28, 1904
253	....do....	Oscar Sonnenkalb and Walter G. Turley.	All of the meander, township exterior, section, and connection lines necessary to complete the survey of such parts of the following townships as are strictly adapted to agriculture: T. 30 N., R. 4 E.; T. 32 N., R. 4 E.; T. 33 N., R. 4 E.; T. 34 E., R. 4 E.; T. 34 N., R. 3 E.	2,760	June 24, 1904
254	....do....	William Alley and David B. Wickersham.	All of the standard, meander, township exterior, section and connection lines necessary to complete the survey of such parts of the following townships as are strictly adapted to agriculture. Group 1—T. 2 N., R. 6 E.; T. 2 N., R. 10 E.; T. 3 N., R. 10 E. Group 2—T. 14 N., R. 4 E.; T. 20 N., R. 4 W.; T. 21 N., R. 3 W.	7,520	June 25, 1904
255	June 15	George W. Fenley....	All of the section and connection lines necessary to complete the survey of T. 7 S., R. 5 W.; T. 4 S., R. 6 W.; part of T. 9 N., R. 3 E., west of North Fork of Payette River; T. 49 N., R. 2 E.; T. 50 N., R. 2 E.	4,870	June 29, 1904
256	June 24	Alfred L. Geddes.....	All of the meander, township exterior, section, and connection lines necessary to complete the survey of the following townships: T. 24 N., R. 1 E.; T. 25 N., R. 1 E.; T. 24 N., R. 1 W.; T. 25 N., R. 1 W.; T. 26 N., R. 1 W.; T. 27 N., R. 1 W.; T. 28 N., R. 1 W.	3,650	Do.
257	June 27	Albert Oliver.....	All of the standard, meridian, meander, township exterior, section, and connection lines necessary to complete the survey of the following townships: T. 22 N., R. 1 W.; T. 23 N., R. 1 W.; T. 29 N., R. 4 E.	3,500	Do.

SPECIAL INSTRUCTIONS.

1903. July 8	Oscar Sonnenkalb....	T. 53 N., R. 6 W.	\$100	July 28, 1903
Aug. 4	Harold A. Rands.....	Secs. 4, 5, 6, 7, 8, 9, T. 44 N., R. 1 E....	105	Aug. 22, 1903
Apr. 16	George W. Fenley....	T. 1 S., R. 6 W.	126	Apr. 30, 1903

REPORT OF COMMISSIONER OF GENERAL LAND OFFICE. 357

A 2.—Statement showing special instructions (in lieu of contract) issued for survey of public lands, payable from special deposits by individuals under the provisions of section 2401, United States Revised Statutes, and acts amendatory thereof.

Date.	Name of deputy.	Description of surveys.	Liability.	Approved by General Land Office.
1903. July 20	George C. Campbell ..	Completion of survey of fractional T. 48 N., R. 5 W.	\$92	Aug. 8, 1903
Sept. 21	John M. Woodburn....	Survey of secs. 1, 12, and 13, T. 5 N., R. 38 E.	120	{Oct. 14, 1903 Dec. 11, 1903
Nov. 20	Jos. A. Clark			
	Total		212	

A 3.—Statement showing contracts awarded, payable from continuing appropriation account Northern Pacific Railway, by act of Congress approved March 2, 1895, for surveys and resurveys of public lands for fiscal year ended June 30, 1904.

Contract.		Name of deputy.	Description of surveys.	Liability.	Approved by Commissioner.
No.	Date.				
247	1904. Apr. 16	Homer D. Angell and Clyde W. Riddell.	All of the section and connection lines necessary to complete the survey of T. 44 N., R. 2 E.	\$1,050	May 14, 1904
248	May 26	Geo. Ray Campbell and W. A. Burt Campbell.	The east boundary line and all the sections and meander lines necessary to complete the survey of T. 43 N., R. 3 E.	876	June 24, 1904
		Total		1,926	

B.—Statement showing status of public land surveys under contracts and special instructions in lieu of contracts for fiscal year ending June 30, 1904.

Contract.		Name of deputy.	Status of work in office.	Transmitted to General Land Office.	Remarks.
No.	Date.				
227	1901. Dec. 26	Edson D. Briggs	Office work in progress.		Notes filed May 13, 1904.
228	...do...	Albert Oliver	Approved Sept. 2, 1903..	1903. Sept. 2	
235	1903. Jan. 28	Herman D. Gradon & James H. Robb.	Office work in progress.		
236	...do...	Harold A. Rands .....	...do		Notes filed June 30, 1904.
237	...do...	Geo. C. Campbell.....	...do		
238	Mar. 28	Oscar Sonnenkalb.....	Approved Feb. 20, 1904..	1904. Feb. 20	
239	...do...	Edson D. Briggs			Extension of time.
240	...do...	A. L. Rinearson	Office work in progress.		Partial notes filed, extension of time to Aug. 30, 1904.
241	...do...	A. N. Kimmel and F. D. Maxwell.	...do		Partial notes filed, extension of time to Dec. 1, 1904.
242	...do...	R. C. Canfield .....	...do		
243	...do...	Emery Oliver and Henry V. Klippel.	...do		
244	June 18	Geo. R. Campbell.....	Approved Mar. 15, 1904..	Mar. 15	
245	...do...	Jos. W. Waldron.....	Office work in progress.		Partial notes filed. Extension of time to Nov. 1, 1904.
246	Nov. 10	Geo. W. Fenley.....	...do		Notes filed June 13, 1904.

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B.—Statement showing status of public land surveys under contracts and special instructions in lieu of contracts for fiscal year ending June 30, 1904—Continued.

SPECIAL INSTRUCTIONS.

Date.	Name of deputy.	Status of work in office.	Trans- mitted to General Land Office.	Remarks.
1903. July 8 Mar. 7	Oscar Sonnenkalb Peter F. Byrne.....	Approved Feb 20, 1904.. Approved Mar. 4, 1904...	1904. Feb. 20 Mar. 4	
1904. Apr. 16	Geo. W. Fenley.....	Office work in progress..		Notes filed June 17, 1904.
1903. July 20	Geo. C. Campbell			Declines work by letter, June 11, 1904.
June 22	A. N. Kimmel and F. D. Maxwell.			Notes not filed.
Aug. 4 Sept. 21	Harold A. Rands..... John M. Woodburn.....	Office work in progress..		Notes filed June 13, 1904. Additional resurveys neces- sary.
Nov. 20	Jos. A. Clark.....			

C.—Detailed statement of performance of work in the field—Mileage of approved surveys executed.

No.	Name of deputy.	Meridian lines.	Standard lines.	Township lines.	Section lines.	Meander lines.	Conne- ctions.
		<i>M. C. L.</i>	<i>M. C. L.</i>	<i>M. C. L.</i>	<i>M. C. L.</i>	<i>M. C. L.</i>	<i>M. C. L.</i>
227	Edson D. Briggs.....	.....	.....	35 4 69	155 6 21	21 77 40	31 88
228	Albert Oliver.....	23 67 28	.....	37 77 65	213 55 4	7 23 67	72 11
235	Herman D. Gradon and James H. Robb.....	.....	16 2 38	30 8 73	252 6 4	.....	1 4 80
238	Oscar Sonnenkalb.....	2 2 99	3 0 0	17 71 9	179 73 11	10 72 83	1 77 20
243	Emery Oliver and Henry V. Klippel....	6 0 0	.....	65 66 67	263 8 44	.....	1 0 0
244	George R. Campbell....	48 0 44	31 3 31	43 73 68	15 66 28	.....	37 42
	SPECIAL INSTRUCTIONS.						
	Peter F. Byrne.....	.....	.....	.....	.....	18 14	28 1
	Oscar Sonnenkalb.....	.....	.....	74 42	4 48 9	.....	16 19
	Total.....	79 70 71	50 5 69	231 56 93	1,084 23 21	40 32 4	6 27 61

ACCOUNTS.

D.—Salaries of surveyor-general and clerks payable from appropriation for fiscal year ending June 30, 1904.

Appropriation.....	\$11,000.00	
Paid surveyor-general		\$2,000.00
Paid clerks.....		8,928.72
Balance refunded into Treasury		71.28
	11,000.00	11,000.00

Account of contingent expenses.

Appropriation.....	\$1,500.00	
Paid rent, light, and fuel		\$518.00
Paid messenger		400.00
Paid account of incidentals.....		544.41
Paid freight charges retained in Treasury		37.04
Balance refunded into Treasury .....		.55
	1,500.00	1,500.00

Special deposits for office work—Mineral surveys.

Balance available July 1, 1903.....	\$9,271.11	
Deposits	9,070.00	
Paid clerks		\$6,420.50
Paid incidentals		564.33
Balance available July 1, 1904.....		11,356.28
	<hr/>	
	18,341.11	18,341.11

E.—Summary of letters, documents, plats, field notes, and other papers.

Letters to Commissioner of General Land Office	525
Letters to local land offices	130
Letters to deputy surveyors	874
Letters to individuals	1,675
Official telegrams	6
Transcripts, field notes, mineral surveys (2,452 pages)	69
Transcripts, field notes, agricultural surveys (3,482 pages)	54
Transcripts for deputies in field (392 pages)	27
Transcripts, United States mineral monuments (12 pages)	3
Mineral plats	279
Agricultural plats	238
Location monument plats	6
Segregation plats	89
Plats for deputies	38
Contract diagrams for General Land Office	16
Diagrams for examiners	37
Miscellaneous tracings	23
Number mineral connection sheets made	29
Number of descriptive lists made	84
Accounts of deputies, in triplicate	9
Orders issued mineral surveys (314 locations)	90
Amended orders issued (6 locations)	3
Mineral surveys, approved (204 locations)	73
Location notices copied	628
Contracts awarded (in quadruplicate)	10
Special instructions in lieu of contract	3
Special instructions in quadruplicate (228 pages)	23
Pages property list	36
Deputy mineral surveyors, July 1, 1903	83
New deputy mineral surveyors commissioned during fiscal year 1904.....	7
Commissions renewed	5
Commissions expired during fiscal year	19
Deputy mineral surveyors in good standing June 30, 1904	76
Vouchers in duplicate	331
Abstracts in triplicate	48
Accounts current	46

REPORT OF THE SURVEYOR-GENERAL OF LOUISIANA.

OFFICE OF THE UNITED STATES SURVEYOR-GENERAL,
New Orleans, La., July 1, 1904.

SIR: I have the honor to submit herewith, in duplicate, my annual report for the fiscal year ending June 30, 1904, prepared in accordance with instructions contained in your circular letter dated April 21, 1904, Division E, the same being accompanied with the following statements, viz:

A.—Estimate of funds to be appropriated for the surveying service in the district of Louisiana for the fiscal year ending June 30, 1906.

B.—Estimate of funds to be appropriated for the compensation of the surveyor-general and his clerks in the district of Louisiana for the fiscal year ending June 30, 1906.

C.—Estimate of funds to be appropriated for contingent expenses in the office of the surveyor-general, district of Louisiana, for the fiscal year ending June 30, 1906.

D.—Statement of office work which will be in arrears in the surveyor-general's office, district of Louisiana, at the close of the fiscal year ending June 30, 1905.

E.—Statement of surveying contract entered into by the surveyor-general of Louisiana on account of appropriation for the fiscal year ending June 30, 1902.

F.—Statement of surveying contract entered into by the surveyor-general of Louisiana on account of appropriation for the fiscal year ending June 30, 1903.

SURVEYS.

On November 27, 1901, a contract was awarded to George O. Elms, United States deputy surveyor, for the survey of the back preemption to the claim of Miller and Fulton, No. 125, in T. 1 N., Rs. 1 E. and 1 W., in the southwestern district, Louisiana. On June 7, 1902, the deputy made the returns of his surveys in T. 1 N., R. 1 W., and they were approved by this office on November 14, 1902, and on the same date the diagram representing the said surveys and the transcript of the field notes was transmitted to your office. This survey embraced 2 miles 46.73 chains of township lines, 18 miles 61.07 chains of claim lines, 6 miles 11.36 chains of section legal subdivisional lines, and 7 miles 59.88 chains of connecting lines.

On December 8, 1902, the said deputy made the returns of his surveys in T. 1 N., R. 1 E., and they were approved by this office on February 11, 1903, and on the same date the diagram representing the said surveys, and the transcript of the field notes was transmitted to your office. This survey embraced 1 mile 52.92 chains of township line, 13 miles 27.99 chains of claim lines, and 1 mile 70.42 chains of connecting lines.

The surveys under the above contract were accepted by your letter E, dated May 17, 1904, with the understanding that I should not file the field notes or the original plats among the records of this office nor file the triplicate plats of same in the local land office until so authorized by your office.

The surveying account for the work in T. 1 N., R. 1 W. for \$376.36 was sent to your office with my letter dated November 14, 1902, and the same was approved in the sum of \$267.47 by your letter M of June 3, 1904.

The surveying account for the work in T. 1 N., R. 1 E. for \$128.22 was sent to your office with my letter dated February 11, 1903, and the same was approved in the sum of \$121.14 by your said letter M of June 3, 1904.

On August 12, 1902, a contract was awarded to James P. Kemper, United States deputy surveyor, for the survey and location of private land claims on Cote Blanche Island in T. 15 S., R. 7 E., southwestern district, Louisiana, and on September 2, 1902, special instructions were issued to the deputy for the execution of the surveys under the said contract.

On June 29, 1903, Deputy Kemper made the returns of his surveys to this office, and after examination by this office the same were found to be incomplete, and therefore on September 2, 1903, supplemental instructions were issued directing Deputy Kemper to return to the field and complete his surveys, as specified in his aforementioned contract of August 12, 1902, and special instructions of September 2, 1902; and by letter dated October 22, 1903, I furnished Deputy Kemper with a copy of your letter dated October 17, 1903, Division E, relative to the aforesaid supplemental instructions of September 2, 1903.

Deputy Kemper has not yet made his returns of surveys to this office, but I expect that he will do so in a short time.

OFFICE WORK.

Certificates of location.—Under the third section of the act of Congress approved June 2, 1858 (11 Stat., 294), there were issued certificates of location in whole or in part satisfaction of 10 confirmed private land claims, aggregating 3,995.23 acres of land, necessitating the filling up of 85 certificates on the engraved form, and the recording of each case in a book kept for that purpose. Of these 10 cases sent to your office 5 were returned to this office, duly authenticated, to be delivered to the parties entitled thereto, and 3 cases were held for cancellation, subject to appeal, and your office has not yet acted on the 2 remaining cases.

In addition to the above, certificates of location were denied for 2 claims, 1 of which the attorney for the applicant waived his right of appeal, and you affirmed my decision as regards the other claim.

PATENT PLATS.

By the act of Congress approved December 22, 1854 (U. S. Stat., 599) it is provided as follows: "That in case of any claim to land in any State or Territory which has heretofore been confirmed by law, and in which no provision is made by the confirmatory statute for the issue of patents, it shall and may be lawful, where surveys for the land have been made or may hereafter be made, to issue patents for the claims so confirmed, upon the presentation to the Commissioner of the General Land Office of plats of survey thereof, duly approved by the surveyor-general of any State or Territory, if the same be found correct by the said Commissioner."

Under this act and the several acts confirming private land claims where provision is made for the issue of patent plats as basis of patent there were made during the past fiscal year 65 of such plats in duplicate, making a total of 130 plats, with descriptive notes, made.

The said plats are made in duplicate, the original being retained for the files of this office, and the duplicate is sent to your office, where a copy thereof is incorporated in the patent when issued. There remains yet to be prepared by this office 5,273 of such plats in duplicate, or 10,546 plats.

SWAMP LAND.

At the request of the register of the State land office, and under the provisions of the act of Congress approved September 28, 1850 (U. S. Stat., 9, p. 519), the following selections of swamp lands were made during the past fiscal year, viz:

	Acres.
In the southwestern district.....	139.46
In the northwestern district.....	39.93
Total	179.39

These selections were subsequently canceled by your letters, K, dated June 1 and 2, 1904.

During the past fiscal year I have rendered eighteen adverse decisions on applications made by the State for swamp selections under the swamp-land grants of 1849 and 1850.

MISCELLANEOUS.

Under this head the following work has been done during the past fiscal year, viz

Twenty-two old and partially defaced township plats have been reproduced for the files of this office, and the old plats put aside for preservation.

Eleven old and partly defaced diagrams have been reproduced for the files of this office, and the old ones put aside for preservation.

Forty-one plats and notes of the original surveys of private-land claims were copied and transmitted for the files of your office, the notes being typewritten.

There were sent for the files of your office typewritten copies of the field notes of 5 townships, part of 5 townships, and of 4 sections.

Tracings of 2 township plats were sent for the files of your office.

Three supplemental diagrams were made in triplicate, or 9 diagrams in all.

Copies of the field notes of 6 sections were furnished to special agents.

The field notes of 26 townships have been indexed.

The protraction of 36 sections was made.

The recomputation of areas was made for 94 sections, covered by private land claims.

Typewritten copies of all the original documents accompanying the reports transmitting certificates of location under the act of June 2, 1858, and also of the documents accompanying the reports on applications for swamp selections, have been made for the files of this office.

All the correspondence, with the exception of informal matters, has been transcribed from the press copy books into permanent letter record books, aggregating 513 letter record pages. To the above must be added the preparation, in duplicate of the quarterly accounts of all payments made under the appropriations for salaries and contingent expenses.

During the past fiscal year there has been received 210 letters and reports from the Department; 8 letters from the local land office, 14 letters from the register of the State land office, and 461 letters from United States deputy surveyors, special agents, local surveyors, and individuals, making a total of 693 letters and reports received, all of which have been properly indorsed, showing also date of receipt and reply.

During the same period there were written to the Department, local land offices, State land office, and to United States deputy surveyors 320 letters and reports, and 676 letters were written to local surveyors and individuals, making a total of 996 letters written from July 1, 1903, to June 30, 1904. I might add that with many of these letters were transmitted copies of decisions and other documents, some of which were very voluminous. I will also state that much time is consumed in answering personal inquiries, in exhibiting and explaining the nature and status of township plats, field notes, and documents in the matter of private land claims, also in answering letters to the Department and individuals, requiring the examination of the various documents, laws, and decisions relating to private land claims reported by the officers appointed by the several acts of Congress for the adjustment of titles and claims to land in the State of Louisiana.

In closing this report I would most respectfully call your attention to statements B and C herein inclosed, being the estimate of funds which should be appropriated for the compensation of the surveyor-general and clerks and for contingent expenses of this office during the fiscal year ending June 30, 1906, and I would earnestly urge that in making your recommendations to Congress the amounts estimated as being necessary be favorably considered.

The annual salary of the surveyor-general of this district has been cut down to \$1,800 since the act of June 19, 1878 (U. S. Stats., 20, p. 201), but you will admit that this amount is not commensurate to the duties and responsibilities incumbent on him and his annual compensation should be at least \$2,000 as originally fixed by the act of March 3, 1831 (U. S. Stats., 4, p. 492).

The present appropriation for the compensation of clerks in this office is only \$7,000, which does not allow the employment of a sufficient number of clerks, and is entirely insufficient to pay those now employed the salaries which they should receive for the grade and quantity of work performed by them. I can but refer you to your letter A of March 23, 1904, informing me of the report made to your office by Inspector H. T. Bennett as regards the efficiency, competency, and faithfulness of the employees of this office, as well as myself, the good habits and the discipline of the office, and wherein he suggested an increase in their salaries.

Respectfully submitted.

JAMES LEWIS,
United States Surveyor-General of Louisiana.

The COMMISSIONER OF THE GENERAL LAND OFFICE,
Washington, D. C.

A.—Estimate of funds to be appropriated for surveying service in the district of Louisiana for the fiscal year ending June 30, 1906.

For surveys and resurveys in all the districts of the State (except Greensburg district), including original surveys of confirmed private land claims and donations..... \$10,000

EXPLANATORY NOTES.

The necessity for the surveys and resurveys in the above districts has long since been fully demonstrated to this office by settlers (verbally or by petitions), and in many instances also by deputy surveyors. These last, when making surveys in certain localities, experience much difficulty, not only on account of existing misclosures in the old surveys, but also on account of there being apparently no established Government lines, as in many instances the old lines can not be found. The hunting up of proper starting points in such cases cause much annoyance and loss of time.

B.—Estimate of funds to be appropriated for the compensation of the surveyor-general and his clerks, in the district of Louisiana, for the fiscal year ending June 30, 1906.

Surveyor-general	\$2,000
Chief clerk	1,800
Chief draftsman and claim clerk	1,700
One draftsman and calculator	1,400
Two assistant draftsmen, at \$1,300 each	2,600
One clerk to continue the exhibit of private land claims	1,200
One clerk-typewriter	1,000
Two clerks for general help and to bring up arrear work, at \$900 each	1,800
Total	13,500

EXPLANATORY NOTES IN SUPPORT OF THE SEVERAL AMOUNTS SUBMITTED IN ABOVE ESTIMATES.

[The amounts being, in my judgment, the lowest sums for which the service can be conducted.]

First. The estimate of \$2,000 for my salary as surveyor-general is in accordance with the original act of March 3, 1831, fixing said salary, and owing to the labor and great responsibilities incumbent on me, the compensation is certainly a reasonable one.

Second. The chief clerk's salary, at \$1,800, I believe just and very moderate, his duties being the general supervision over all that pertains to this office.

Third. The salary of the chief draftsman and claim clerk, which I estimate at \$1,700 is very moderate, his duties being the examination and passing upon all application for certificates of location under the act of June 2, 1858, preparing special instructions to deputy surveyors, examining surveying returns, and supervising the drafting department.

Fourth. The estimate of \$1,400 for the draftsman and calculator is certainly moderate, his duties being protracting maps from the field notes, preparing original and duplicate patent plats for private land claims, computing areas of sections and subdividing the same, and restoring old and partly defaced maps.

Fifth. The duties of the two assistant draftsmen being to assist the draftsman and calculator in all his work, I believe the estimate of \$2,600 for the two is very moderate.

Sixth. The salary of one clerk to continue the exhibit of private land claims, estimated at \$1,200, is very moderate, as it will require an expert to do the work.

Seventh. I consider \$1,000 per year a very moderate salary for the grade and quantity of work done by the clerk-typewriter, his duties being to typewrite the large volume of official correspondence and all documents filed as evidence in special cases, making sketches, copying field notes, and making extracts therefrom for the Department. There has been a considerable increase of work at this desk during the past year.

Eighth. The estimate of \$1,800 for two clerks, at \$900 each, for general help and to bring up arrear work, is very moderate, considering the amount of work to be done; and in this connection I beg to refer to statement D, under the heading of arrear work.

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C.—*Estimate of funds to be appropriated for contingent expenses in the office of the surveyor-general of Louisiana, for the fiscal year ending June 30, 1906.*

Salary of messenger and porter	\$780
Stationery and other incidental expenses	300
Binding of records	200
Total	1,280

EXPLANATORY NOTES IN SUPPORT OF THE AMOUNT SUBMITTED IN THE ABOVE STATEMENT.

[The same being limited to the lowest sums for which the services can be conducted.]

The estimate of \$780 for salary of messenger and porter is very moderate, for, in addition to his regular work as such, he is expected to give general help in the office, which at times can be considered clerical work.

The estimate of \$200 for binding of records is, I believe, very moderate; so also is the estimate of \$300 for stationery and other incidental expenses.

D.—*Statement of office work which will be in arrears in the surveyor-general's office, district of Louisiana, at the close of the fiscal year ending June 30, 1905.*

First. Continuing and completing the exhibit of private land claims for all the districts of the State, except the southeastern district. (See Land Office Report for 1886, p. 507.)

Second. Preparation of patent plats, in duplicate, for the located confirmed private land claims for 5,208 claims.

Third. Two hundred and fifty township maps and diagrams to be reprotracted or reproduced.

Fourth. Examination and researches to prepare confirmed private land claims for survey and location.

Fifth. Four hundred and seventy-six private land claims for which certificates of location are to be issued under act of Congress approved June 2, 1858 (11 Stat., 294).

Sixth. Continuing the indexing of books of field notes in the different districts.

Seventh. Continuing the copying of field notes for preservation.

E.—*Statement of surveying contract entered into by the surveyor-general of Louisiana on account of appropriation for the fiscal year ending June 30, 1902.*

No.	Date of contract.	Name of deputy surveyor.	Description and locality of work.	District.	Estimated liability.	Amount paid.
1	1901. Nov. 27	George O. Elms...	Back preemption of the claim of Miller and Fulton, No. 125, being sec. 4, T. 1 N., R. 1 E., and sec. 2, T. 1 N., R. 1 W.	Southwestern	\$700	\$388.61

Surveys accepted; see Commissioner's letter dated May 17, 1904, Division E.

F.—*Statement of surveying contract entered into by the surveyor-general of Louisiana on account of appropriation for the fiscal year ending June 30, 1903.*

No.	Date of contract.	Name of deputy surveyor.	Description and locality of work.	District.	Estimated liability.	Remarks.
1	1902. Aug. 12	James P. Kemper.	Private land claims on Cote Blanche Island, T. 15 S., R. 7 E.	Southwest- ern.	\$450	Supplemental instructions issued to the deputy on Sept. 2, 1903. Returns not made.

REPORT OF THE SURVEYOR-GENERAL OF MINNESOTA.

OFFICE OF THE UNITED STATES SURVEYOR-GENERAL,

St. Paul, Minn., July 7, 1904.

SIR: In conformity with instructions contained in your circular letter E, dated April 21, 1904, I transmit herewith in duplicate my annual report of the surveying operations in this district for the fiscal year ending June 30, 1904, with the following tabular statements, viz:

A. Statement of contracts entered into by the surveyor-general of Minnesota, for the survey of public lands, payable from the appropriations for the fiscal year ending June 30, 1904, (act approved March 3, 1903).

B. Statement of contract entered into and special instructions issued by the surveyor-general of Minnesota for the survey and resurvey of Indian reservation lands, payable from the appropriation of \$50,000 for completing surveys in the Chipewewa Indian reservations in Minnesota (act approved July 1, 1898).

There have been surveyed 7 townships and 4 fractional townships of public lands, the field notes of which have been examined during the year and the plats and transcripts of the field notes made. One township and 2 fractional townships have been resurveyed, the field notes examined, and the plats and transcripts of field notes made.

Two townships and 2 fractional townships of public lands have been surveyed, the field notes returned to this office, the office work on which is not completed.

The resurvey of 7 townships of Indian reservation lands have been completed during the year, the field notes examined, and the plats and transcripts of field notes made.

The number of miles of township, section, and meander lines and connecting lines run and marked in the field, the field notes of which have been examined and approved, is as follows:

Character of lines.	Measurements.		
	<i>M.</i>	<i>C.</i>	<i>L.</i>
Township lines.....	28	64	34
Township lines resurveyed.....	173	8	21
Section lines.....	467	28	4
Section lines resurveyed.....	521	45	86
Meander lines.....	44	63	41
Connecting lines.....	21	68	98
Total.....	1,257	38	84

The number of acres surveyed in townships, the field notes of which have been examined and approved and plats made, during the year, is 180,287.76, which, added to amount previously reported, viz, 49,847,217.22, gives the total number of acres surveyed in Minnesota to date, 50,027,504.98.

Township plats, original, duplicate, and triplicate made during the year.....	80
Diagrams of township lines made.....	15
Transcripts of field notes of townships surveyed.....	25
Transcripts of field notes of exterior lines of townships surveyed.....	5
Plats of islands surveyed.....	8
Transcripts of field notes of islands.....	3

There have been prepared during the year 4 contracts and bonds in quadruplicate with deputy surveyors for the survey of 9 townships and 3 fractional townships of public lands and 4 townships of Indian reservation lands, with full special instructions and diagrams and field notes of exterior lines for the use of the deputy surveyors.

There have been prepared special instructions in quadruplicate for the survey of an island; also 3 special instructions in quadruplicate to compassman and for the correction and completion of surveys in 10 townships erroneously surveyed.

Respectfully submitted,

E. S. WARNER,
United States Surveyor-General of Minnesota.

The COMMISSIONER OF THE GENERAL LAND OFFICE,
Washington, D. C.

A.—Statement of contracts entered into by the surveyor-general of Minnesota for the survey of public lands, payable from the appropriation for the fiscal year ending June 30, 1904 (act approved March 3, 1903).

No. of contract.	Name of deputy.	Date of contract.	Description of work.	Estimated liability.	Remarks.
114	Louis A. Ogaard.....	1903. Oct. 15	All of the subdivision and meander lines in Tps. 66 and 67 N., R. 25 W.; T. 68 N., R. 26 W., and fractional Tps. 67 and 68 N., R. 27 W., fourth principal meridian, Minnesota. Also retrace or resurvey all exterior boundaries of said townships found defective in alignment or measurement.	\$2,200	Partial returns.
116	Marcus D. Stoner and John E. Mulligan.	1904. May 31	All the subdivision and meander lines in T. 65 N., R. 27 W., fourth principal meridian, and Tps. 153 N., Rs. 25 and 26 W., and Tps. 154 and 155 N., R. 27 W., fifth principal meridian, Minnesota. Also retrace or resurvey all exterior boundaries of said townships found defective in alignment or measurement.	2,500	No returns.
117	Wm. M. Everts.....	June 18	Range line between Rs. 21 and 22 W., through T. 63 N., fourth principal meridian. Also all the subdivision and meander lines in Tps. 63 N., Rs. 21 and 22 W., fourth principal meridian, Minnesota. Also retrace all exterior boundaries in said townships found defective in alignment or measurement.	1,250	Do.
(a)	John E. Mulligan and Wm. M. Everts, compassmen.	1903. Nov. 24	Correct and complete surveys in Tps. 163 and 164 N., R. 40 W., fifth principal meridian, Minnesota, executed by Bernard Keegan, deputy surveyor, under contract No. 89, dated Nov. 23, 1898.	.....

^aSpecial instructions, contract No. 89.

B.—Statement of contracts entered into and special instructions issued by the surveyor-general of Minnesota for the survey and resurvey of Indian reservation lands, payable from the appropriation of \$50,000 for completing surveys in the Chippewa Indian reservations in Minnesota (act approved July 1, 1898).

No. of contract.	Name of deputy, or ● compassman.	Date of contract or special instructions.	Description of work.	Estimated liability.	Remarks.
115	Chas. H. Armstrong..	1904. May 27	All the subdivision and meander lines in Tps. 159 and 160 M., Rs. 37 and 38 W., fifth principal meridian, Minnesota. Also retrace or resurvey all exterior boundaries of said townships found defective in alignment or measurement or position. Also subdivide into 40-acre tracts all sections containing pine timber.	\$2,300	No returns.
(a)	John E. Mulligan and Wm. M. Everts, compassmen.	1903. Oct. 31	Correct and complete surveys in Tps. 159 and 160 N., Rs. 34, 35, and 36 W., fifth principal meridian, Minnesota, executed by Bernard Keegan, deputy surveyor, under contract No. 87, dated Sept. 8, 1898.	.....	No returns; compassmen now in the field.
(a)	.....do	1904. Mar. 21	Correct and complete surveys in T. 157 N., R. 28 W., and T. 159 N., R. 29 W., fifth principal meridian, Minnesota, executed by Bernard Keegan, deputy surveyor, under contract No. 70, dated Nov. 2, 1896.	.....	Do.

^aSpecial instructions.

REPORT OF THE SURVEYOR-GENERAL OF MONTANA.

OFFICE OF THE UNITED STATES SURVEYOR-GENERAL,
Helena, Mont., July 22, 1904.

SIR: In compliance with circular letter E, dated April 21, 1904, I have the honor to submit herewith (in duplicate) my annual report for the fiscal year ending June 30, 1904:

AGRICULTURAL DEPARTMENT.

The apportionment to Montana from the regular appropriation for surveys and resurveys of public lands for the fiscal year, as per annual surveying instructions, was \$43,000. By letter E, dated June 21, 1904, notice was given of an additional apportionment of \$2,717. The total apportionment to this district was therefore \$45,717.

The following tabular statement shows the contracts entered into which are payable therefrom. The liabilities thereof equal the apportionment.

Contracts let which are payable from the regular appropriation.

No.	Date.	Name of deputy.	Description of surveys to be made.	Estimated liability.
(a)	1903. June 24	Charles H. Albee.....	Secs. of T. 4 N., R. 15 W.; probably secs. 1 and 2, in which the claim of Wm. M. Carey is found to lie.	\$100.00
(a)	Aug. 17	George A. Fessenden and Ranney Y. Lyman.	The completion of the survey of secs. 33 and 34, T. 25 N., R. 22 W.	150.00
(a)	Oct. 9	Allan B. Benedict	Survey of secs. 29 and 32, T. 34 N., R. 34 W.....	72.00
451 ^b	Dec. 7	William W. McElroy..	The fractional exterior boundaries and fractional subdivisions of T. 4 N., R. 6 E., not surveyed under contract No. 436.	1,100.00
453	1904. Feb. 6	Robert F. Scott	Any necessary retracements, resurveys, or reestablishments of approved surveys in townships designated for survey under contract No. 452, or in townships adjacent thereto, which may be necessary to reestablish any lost or obliterated corners upon which surveys under contract No. 452 are to be initiated or closed.	1,000.00
455	Apr. 4	Henry B. Davis	The fractional north boundary and fractional subdivisions of T. 29 N., R. 22 E.; north boundary and subdivisions of T. 30 N., R. 20 E.; east boundary and subdivisions of T. 31 N., R. 19 E.; subdivisions of T. 31 N., R. 20 E.; east boundary and subdivisions of T. 31 N., R. 21 E.; fractional south boundary and fractional subdivisions of T. 31 N., R. 22 E.; east and west boundaries and subdivisions of T. 36 N., R. 22 E.; east boundary and subdivisions of T. 36 N., R. 23 E.; the sixth guide meridian east, through Tps. 36 and 37 N., between Rs. 24 and 25 E.; the south and east boundaries and subdivisions of T. 36 N., R. 25 E.; south boundary of T. 36 N., R. 26 E.; west, south, and east boundaries and subdivisions of T. 36 N., R. 27 E.; east and west boundaries and subdivisions of T. 37 N., R. 23 E.; east boundary and subdivisions of T. 37 N., R. 25 E.; the reference line (tangents) run from the first boundary monument east of the northeast corner of to the first boundary monument west of the northwest corner of T. 37 N., R. 25 E., and T. 37 N., R. 23 E.	5,000.00

^aSpecial instructions.

^bN. P. T.

Contracts let which are payable from the regular appropriation—Continued.

No.	Date.	Name of deputy.	Description of surveys to be made.	Estimated liability.
456	1904. Mar. 26	Loomis E. Minott and Carl W. Gleason.	The fractional subdivisions and meanders of T. 27 N., R. 57 E.; seventh standard parallel north, through part of R. 57 E.; fractional east boundary and subdivisions of T. 28 N., R. 57 E.; fourteenth guide meridian east, through Tps. 29, 30, 31, and 32 N., between Rs. 56 and 57 E.; west and north boundaries and subdivisions of T. 29 N., R. 56 E.; east boundary, fractional north boundary, fractional subdivisions, and meanders of T. 29 N., R. 54 E.; south, west, east, and north boundaries and subdivisions of T. 30 N., R. 55 E.; east boundary of T. 31 N., R. 55 E.; fractional south and east boundaries, fractional subdivisions, and meanders of T. 32 N., R. 55 E.; eighth standard parallel north, through parts of Rs. 55 and 56 E.; east and north boundaries and fractional west boundary, fractional subdivisions, and meanders of T. 33 N., R. 55 E.; east and north boundaries and subdivisions of Tps. 34 and 35 N., R. 55 E.; south, east, and north boundaries and subdivisions of T. 34 N., R. 54 E.; south and north boundaries of T. 34 N., R. 53 E.; east and north boundaries and subdivisions of T. 35 N., Rs. 53 and 54 E.; thirteenth guide meridian east, through Tps. 34, 35, 36, and 37 N., between Rs. 52 and 53 E.; south and west boundaries and subdivisions of Tps. 35 and 36 N., R. 52 E.; ninth standard parallel north, through R. 52 and part of R. 51 E.; west boundary and subdivisions of T. 37 N., R. 52 E. The reference line (tangents) run from the first boundary monument east of the northeast corner of, to the first boundary monument west of the northwest corner of T. 37 N., R. 52 E.; south boundaries of T. 34 N., Rs. 48, 49, 50, 51, and 52 E.; twelfth guide meridian east, through Tps. 34 and 35 N., between Rs. 48 and 49 E.; the west and north boundaries and subdivisions of Tps. 34 and 35 N., R. 48 E.	\$7,500.00
457	Apr. 27	James M. Page	The east and west boundaries of T. 25 N., R. 44 E.; the south boundary, fractional east and west boundaries, fractional subdivisions and meanders of T. 26 N., R. 44 E.; twelfth guide meridian east, through Tps. 25, 26, and part of T. 27 N., between Rs. 50 and 51 E.; the west and north boundaries and subdivisions of T. 25 and 26 N., R. 50 E.; the south, west, and north boundaries and subdivisions of T. 26 N., R. 49 E.; the fractional east and west boundaries, fractional subdivisions and meanders of T. 27 N., R. 49 E.; the fractional subdivisions and meanders of T. 27 N., R. 50 E.; the south boundaries, fractional east boundaries, fractional subdivisions and meanders of T. 27 N., Rs. 51 and 52 E.	4,000.00
458	May 31	William W. McElroy and John P. Henselwood.	The south boundary of T. 19 N., R. 26 E.; seventh guide meridian east, through T. 19 N., between Rs. 27 and 28 E.; the south, west, and north boundaries and subdivisions of T. 19 N., R. 27 E.; the sixth guide meridian east, through T. 21 N., between Rs. 24 and 25 E.; the fifth standard parallel north, through Rs. 26, 27, 28, 29, 30, and 31 E.; the east and north boundaries, subdivisions and meanders of Tps. 21 N., Rs. 25, 26, 27, and 29 E.; the seventh guide meridian east, through T. 21 N., between Rs. 28 and 29 E.; the north boundary, subdivisions, and meanders of T. 21 N., R. 28 E.; the east, south, and west boundaries, subdivisions, and meanders of T. 20 N., R. 30 E.; the east, west, and north boundaries, subdivisions, and meanders of T. 21 N., R. 31 E.; the south, west, and north boundaries, subdivisions, and meanders of T. 22 N., R. 32 E.; and the eighth guide meridian east, through T. 22 N., between Rs. 32 and 33 E., designated as group No. 78 of notice No. 27.	8,400.00

370 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Contracts let which are payable from the regular appropriation—Continued.

No.	Date.	Name of deputy.	Description of surveys to be made.	Estimated liability.
459	1904. May 23	Fred I. Hubbard	The subdivisions of T. 12 N., R. 21 E.; fractional subdivisions of T. 13 N., R. 19 E.; subdivisions of T. 14 N., R. 24 E.; fractional subdivisions of T. 19 N., R. 16 E.; west boundary and subdivisions of T. 20 N., R. 15 E.; fifth standard parallel north, through part of R. 15 E.; the north boundary and subdivision of T. 21 N., R. 15 E.; the fractional east boundary, the north boundary, subdivisions, and meanders of T. 22 N., R. 15 E., and the fractional subdivisions and meanders of T. 25 N., R. 13 E., designated as group No. 79 of notice No. 27.	\$5,000.00
460	May 23	William B. Kimmel..	The second standard parallel north, through part of R. 10 E.; the west boundary and fractional subdivisions of T. 9 N., R. 10 E.; the east, west, and north boundaries and subdivisions of T. 10 N., R. 10 E.; the south and west boundaries, fractional north boundary and subdivisions of T. 15 N., R. 10 E.; fractional subdivisions of T. 19 N., R. 8 E. and fractional subdivisions of T. 21 N., R. 9 E., designated as group No. 80 of notice No. 27.	4,550.00
461	June 7	Edwin R. McLain and Henry S. Reed, jr.	The west and north boundaries of sec. 34 of T. 2 S., R. 6 W.; the fractional south boundary of T. 1 S., R. 9 W. (if necessary); east and west boundaries and subdivisions of T. 1 S., R. 8 W.; the east and north boundaries and subdivisions of Tps. 1 N., Rs. 7 and 8 W.; the east and fractional north boundaries and fractional subdivisions of T. 2 N., R. 7 W.; the fractional east boundary and fractional subdivisions T. 2 N., R. 8 W.; the fractional south boundary and subdivisions of T. 4 N., R. 10 W.; the fractional south boundary, the west boundary and fractional subdivisions T. 4 N., R. 11 W.; the fractional north boundary and subdivisions of T. 10 N., R. 7 W.; the fractional subdivisions of T. 6 N., R. 14 W.; the west and north boundaries and subdivisions of Tps. 13 N., Rs. 5 and 6 W., designated as group No. 82 of notice No. 29.	8,695.00
			Advertising.....	150.00
		Total		45,717.00

SPECIAL DEPOSITS BY INDIVIDUALS.

Seventy-five dollars has been deposited, of which \$50 is for field work, and \$25 is for office work. Special instructions have been issued as follows:

No.	Date.	Name of deputy.	Description of surveys to be made.	Estimated liability.
S.I.	1903. Sept. 19	Frank A. Elmer	The south half of the west boundary and the east and south boundaries of sec. 22, T. 17 N., R. 27 W.	\$50.00

SPECIAL DEPOSITS BY RAILROAD COMPANIES UNDER ACT OF CONGRESS APPROVED
FEBRUARY 27, 1899.

During the fiscal year deposits have been made by the Northern Pacific Railway Company, as follows:

For field work	\$11,229
For office work	1,940
For examination in the field	1,098
For advertising	40
Total deposit.....	14,307

Contracts have been entered into, payable from the above fund, as follows:

No.	Date.	Name of deputy.	Description of surveys to be made.	Estimated liability.
447	1903. Aug. 6	Robert F. Scott.....	The fractional west boundary and fractional subdivisions of T. 12 N., R. 56 E.	\$250.00
452	1904. Feb. 6	.....do.....	The east and south boundaries and subdivisions of T. 2 S., R. 49 E., fractional east boundary (3 northern miles) and fractional subdivisions (north half) T. 2 S., R. 50 E.; subdivision of T. 1 N., R. 50 E., north and fractional subdivision of T. 2 N., R. 50 E.; north boundary and subdivision of T. 3 N., R. 50 E.; east boundary and subdivision of T. 4 N., R. 50 E.; south and east boundaries and subdivision of T. 1 S., R. 51 E.; fractional subdivision (secs. 3, 4, 5, 6, and 7) of T. 1 S., R. 52 E.; subdivision of T. 1 N., R. 52 E.; north boundary and subdivision of T. 3 N., R. 52 E.; subdivision of T. 2 N., R. 53 E.; east boundary subdivision and meanders of T. 3 N., R. 53 E.; east and north boundaries, subdivision and meanders T. 3 N., R. 54 E.; east boundary and subdivision T. 4 N., R. 54 E.; west, east, and north boundaries, and subdivision of T. 5 N., R. 54 E.; designated as group No. 77 of notice No. 26.	4,900.00
Total .....			.....	5,150

SURVEYS WITHIN THE LIMITS OF THE NORTHERN PACIFIC LAND GRANT, PAYABLE FROM THE CONTINUING APPROPRIATION, ACT OF MARCH 2, 1895 (28 STATS., 937), PROVIDING FOR THE SURVEY OF PUBLIC LANDS WITHIN THE LIMITS OF LAND GRANTS MADE BY CONGRESS TO AID IN THE CONSTRUCTION OF RAILROADS.

Four contracts have been let, payable from this fund, as follows:

No.	Date.	Name of deputy.	Description of surveys to be made.	Estimated liability.
448	1903. Nov. 21	Adelbert E. and Frederick L. Cumming.	The subdivisions and meanders of T. 7 N., R. 21 E.; subdivision of Tps. 6 N., Rs. 25 and 26 E.; the south and east boundaries and subdivision of T. 7 N., R. 26 E.; subdivision of Tps. 1 S., Rs. 22 and 23 E., designated as group No. 74 of notice No. 24.	\$4,925.00
449	Aug. 24	Daniel P. Mumbrue..	The fractional subdivisions of T. 1 S., R. 11 E.; the north boundary, fractional east boundary, and fractional subdivisions of T. 2 N., R. 11 E.; and the fractional subdivisions of T. 2 N., R. 10 E.; the fractional subdivisions of T. 3 N., R. 14 E.; the fractional subdivisions of T. 5 N., R. 16 E.; the east boundary and fractional subdivisions of T. 4 N., R. 10 E.; the first standard parallel north, through part of R. 10 E.; the east and north boundaries and subdivisions of T. 5 N., R. 10 E.; the east boundary and subdivisions of T. 6 N., R. 10 E.; the fractional south boundary and fractional subdivisions of T. 7 N., R. 10 E.; the fractional subdivisions of T. 5 N., R. 9 E.; the east boundary and fractional subdivisions of T. 6 N., R. 9 E.; the fractional south and east boundaries and fractional subdivisions of T. 7 N., R. 9 E.; the fractional south boundary, the west boundary, and subdivisions of T. 6 N., R. 12 E., designated as group No. 75 of notice No. 24.	6,700.00
450	Sept. 5	Robert F. Scott.....	The subdivisions of T. 9 N., R. 53 E.; the east boundary and subdivisions of T. 12 N., R. 54 E.; the subdivisions of Tps. 12 N., Rs. 55 and 57 E.; the north boundaries and subdivisions of Tps. 9, 10, and 11 N., R. 57 E.; the subdivisions of Tps. 9 and 10 N., R. 59 E.; the second standard parallel north, through part of Rs. 60 and 61 E.; the fractional west boundary and the subdivisions of fractional T. 9 N., R. 61 E.; the south boundary and subdivisions of fractional Tps. 10, 11, and 12 N., R. 61 E.; and the subdivisions of T. 11 N., R. 58 E.	5,000.00

No.	Date.	Name of deputy.	Description of surveys to be made.	Estimated liability.
462	1904. June 22	Harry P. Walters.....	The south and west boundaries and subdivisions of T. 8 N., R. 60 E.; fifteenth guide meridian E., through T. 8 N., between Rs. 60 and 61 E.; south boundary and subdivisions of T. 8 N., R. 61 E.; subdivisions of Tps. 9, 10, and 11 N., R. 52 E.; subdivisions and meanders of T. 10 N., R. 51 E.; subdivisions of T. 10 N., R. 50 E.; southwest and north boundaries and subdivisions of T. 14 N., R. 47 E.; fractional subdivisions of T. 14 N., R. 48 E.; and subdivisions of T. 16 N., R. 57 E.	\$5,000.00
		Total .....	.....	21,625.00

SURVEYS IN CROW INDIAN RESERVATION, PAYABLE FROM THE APPROPRIATION FOR ALLOTMENTS, UNDER ACT OF CONGRESS OF 1887, REIMBURSABLE.

Special instructions have been issued, providing for surveys, payable from this fund, as follows:

No.	Date.	Name of deputy.	Description of surveys to be made.	Estimated liability.
S. I.	1903. Aug. 8	Loomis E. Minott and Eugene C. Sampson.	The fractional south boundary and fractional subdivisions of two eastern ranges of sections, and secs. 3, 10, and 15 of T. 6 S., R. 27 E., T. 7 S., R. 27 E.; fractional subdivisions of two eastern ranges of sections, the Pryor guide meridian through the northern 2 miles of T. 6 S., between Rs. 25 and 26 E.; fractional subdivisions of secs. 5, 6, 7, and 8 of T. 6 S., R. 26 E.; fractional subdivisions of secs. 31, 32, and 33 of T. 5 S., R. 26 E.	\$600.00
S. I.	Aug. 17	.....do	The Pryor guide meridian between secs. 13 and 18, T. 6 S., Rs. 25 and 26 E.; fractional subdivisions of secs. 4, 9, 16, 17, and 18, T. 6 S., R. 26 E.	125.00
		Total .....	.....	725.00

SURVEYS IN FORT BUFORD (ABANDONED) MILITARY RESERVATION, PAYABLE FROM A DEFICIENCY APPROPRIATION, ACT OF JULY 1, 1902 (30 STATS., 574).

Special instructions have been issued as follows:

No.	Date.	Name of deputy.	Description of surveys to be made.	Estimated liability.
S. I.	1903. Aug. 31	Burton S. Adams.....	The completion of surveys under contract No. 390, dated Mar. 30, 1901, in accordance with the special instructions accompanying said contract.	\$291.74

The total of the liabilities of all contracts let or special instructions issued during the year is \$79,558.74.

GENERAL FIELD WORK.

The returns of deputies show public surveys made during the past year as follows:

	Miles.
Standard parallels	55
Resurveys	2
Retracements	14
Reestablishments	8
Reservation boundary:	
Resurveys	3
Retracements	19
Base line, retracements	2
State boundary, retracements	68
Guide meridians	71
Resurveys	7
Retracements	18
Reestablishments	18

	Miles.
Township lines.....	509
Resurveys	64
Retracements	75
Reestablishments	68
Subdivision lines.....	4, 830
Resurveys	60
Retracements	55
Meander lines.....	70

Total 6, 006

The returns of deputies filed after June 30, 1903, and therefore not included in last report, show surveys to have been made prior to that date as follows:

Fiscal year ending June 30, 1903:	Miles.
Standard parallels.....	17
Reestablishments	2
State boundary, retracements	22
Guide meridian	24
Retracements	2
Reestablishments	13
Base line:	
Resurveys	5
Reestablishments	25
Township lines.....	262
Resurveys	44
Retracements	37
Reestablishments	25
Subdivision lines.....	1, 014
Resurveys	37
Retracements	31
Meander lines.....	8
Total	1, 568

OFFICE WORK ON RETURNS OF DEPUTIES.

Returns of survey under 25 contracts or special instructions were filed during the fiscal year.

Returns of survey under 20 contracts or special instructions have been worked up during the year.

Returns of survey under nine contracts or special instructions have been partially worked up during the year.

The following table shows the work of the fiscal year in detail:

No.	Deputy.	Miles.
416	Robert F. Scott.....	818
413	Jas. M. Page	716
411	Wm. W. McElroy	295
408	Lee Williams	223
396	John Gonin.....	57
407	Dwight Bushnell	168
410	} Alley and Kimmel.....	502
420		
418	H. B. Davis.....	823
414	.....do.....	45
403	} Ralph H. Bushnell	213
404		
409	John P. Henselwood	258
419	Chas. E. Redfield	23
436	} Wm. W. McElroy	302
451		
421	John P. Henselwood	28
392	A. L. Jaqueth.....	602
426	F. I. Hubbard	100
425	John P. Henselwood	171
433	Carl W. Gleason.....	272
432	Geo. A. Schott.....	159
	Total.....	5, 875

Total miles of surveys worked up	5, 875
Exterior plats made	20
Township plats made.....	421
Books of field notes examined.....	194
Pages of transcripts written	5, 727

MINERAL DEPARTMENT.

Deposits for office work on mineral surveys, aggregate	\$10,995
Orders issued for surveys	357
Orders issued for amended surveys	7
Supplemental orders issued for surveys	33
Surveys examined and approved	391
Amended surveys examined and approved	6
Plats made	717
Transcripts of surveys made	186
Pages of transcripts of surveys	2,695
Surveys platted on connected sheets	683
Surveys replatted on connected sheets	274
New connected sheets made	38
Connected sheets replatted	27
United States deputy mineral surveyors commissioned during the year	20

Very respectfully,

E. W. BEATTIE,

United States Surveyor-General of Montana.

The COMMISSIONER OF THE GENERAL LAND OFFICE,

Washington, D. C.

REPORT OF THE SURVEYOR-GENERAL OF NEVADA.

OFFICE OF UNITED STATES SURVEYOR-GENERAL,
Reno, Nev., July 1, 1904.

SIR: In compliance with your circular letter E, of April 21, 1904, I have the honor to submit the following report of surveying operations in the district of Nevada for the fiscal year ended June 30, 1904, with the usual statistical tables showing the volume and character of work performed during the fiscal year and the condition of all unfinished work at its close.

Seven contracts have been awarded and one set of special instructions issued to deputies, with aggregate estimated liability of \$26,353.24, of which number four contracts and the special instructions, aggregate liability \$13,253, are payable from the annual appropriation for surveys and resurveys of public lands; two, aggregate liability \$7,424, are payable from repayments by the Central Pacific Railway Company, and one, liability \$5,676.24, being for the survey and subdivision of 6 townships within the Walker River Indian Reservation, is payable from the Indian appropriation for the present fiscal year. Contract No. 241, liability \$2,500, payable from the annual surveying appropriation, not having received your approval, the total amount contracted for was thereby reduced to \$23,853.24.

During the year the office work was completed upon five contracts and the plats and transcript of field notes filed in your office, the aggregate amount due to contracting deputies being \$18,646.38. None of these have been accepted. In four cases the deputies have been required to return to the field and amend the work which was not found by the examiners to be acceptable. One contract only, which was approved in the previous fiscal year, with returned amount of \$1,719.77, was accepted and the final account approved for \$1,700.35.

Authority has been granted for the award of two contracts within the limits of the Central Pacific Railway Company's land grant, the liabilities of which are estimated at \$4,500 and \$5,000, respectively, which could not be entered into until after the close of the fiscal year. I have also been directed to reinstate proposals for the work embraced in the contract previously referred to as not having received your approval, the liabilities of which will be not less than \$2,500. Authority will be asked to contract for the surveying of 18 townships, whole or partial, within the limits of lands withdrawn under the act of June 17, 1902, from entry other than under the homestead act, forming a portion of the area to be reclaimed by irrigation in the valleys of the Truckee and Carson rivers.

During the year 52 orders have been issued for mineral surveys, embracing 91 lodes, 9 placers, and 4 mill sites. One order for amended survey was also issued. Eighty mineral surveys were approved, comprising 198 lodes, 4 placers, and 7 mill sites; also 1 amended lode survey. The amount deposited to the credit of the office on account of office work and stationery upon mineral surveys was \$3,005; repayments by the Central Pacific Railway Company, \$197.19; aggregate, \$3,202.19, as against \$7,610 during the previous year. Ten orders for mineral surveys, comprising 26 lodes, 9 placers, and 3 mill sites are in the hands of deputies.

Respectfully submitted.

MATTHEW KYLE,
United States Surveyor-General of Nevada.

The COMMISSIONER OF THE GENERAL LAND OFFICE,
Washington, D. C.

376 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

EXHIBIT A.—*Statement of contracts awarded during the fiscal year, liability payable from appropriation for the survey and resurvey of the public lands, fiscal year ended June 30, 1904.*

No.	Date.	Name of deputy.	Description of work.	Estimated liability.
240	1904. Feb. 15	Lee G. B. McDowell..	All lines necessary to fully complete the survey and subdivision of Tps. 26 and 27 N., R. 56 E., and the west half of T. 29 N., R. 57 E., Mount Diablo meridian.	\$2,400.00
(a)	Apr. 21	.....do	All lines necessary to fully complete the subdivision of T. 29 N., R. 56 E., Mount Diablo meridian.	100.00
241	Apr. 2	Stewart T. Morse.....	All lines necessary to fully complete the survey and subdivision of Tps. 19, 20, and 21 N., R. 54 E., Mount Diablo meridian. (Authority for award of contract revoked by letter E, General Land Office, May 12, 1904.)	2,500.00
242	June 9	Clinton Gurnee.....	All lines necessary to fully complete the survey and subdivision of Tps. 12 and 20 N., R. 44 E., and the portion adapted to agriculture of T. 16 N., R. 43 E., Mount Diablo meridian.	3,753.00
243	June 20	George A. Bellinger..	All lines necessary to fully complete the survey and subdivision of Tps. 46 and 47 N., R. 55 E., and Tps. 45, 46, and 47 N., R. 56 E., Mount Diablo meridian.	4,500.00

a Special instructions.

EXHIBIT B.—*Statement of contracts awarded during the fiscal year, liability payable from repayments by the Central Pacific Railway Company.*

No.	Date.	Deputy.	Description of work.	Estimated liability.
238	1903. Nov. 29	Lee W. Davis and Emmet A. Byler.	All lines necessary to fully complete the subdivision of the portion within the limits of the Central Pacific Railway Company's land grant in Tps. 17 N., R. 19 E.; 16 N., R. 23 E.; 26, 27, 28, and 29 N., R. 28 E.; 29, 30, and 31 N., R. 29 E., Mount Diablo meridian.	\$5,607.00
239	Dec. 26	John W. Fitzpatrick..	All lines necessary to fully complete the survey and subdivision of T. 31 N., R. 51 E., Mount Diablo meridian.	1,817.00

EXHIBIT C.—*Statement of contract awarded during the fiscal year, liability payable from the Indian appropriation, fiscal year ended June 30, 1904.*

No.	Date.	Deputy.	Description of work.	Estimated liability.
237	1903. Oct. 15	H. E. Franks and J. S. Mullen.	All lines necessary to reestablish the boundary lines of the Walker River Indian Reservation in Nevada and to fully subdivide the said reservation in accordance with the system of the United States public land surveys.	\$5,876.24

EXHIBIT D.—*Statement of contract completed and accepted by the Commissioner during the fiscal year ended June 30, 1904.*

No.	Date.	Deputy.	Description of work.
233	1902. June 17	Thomas K. Stewart	All lines necessary to fully complete the survey of T. 5 N., R. 67 E.; T. 4 N., R. 68 E.; T. 5 S., R. 68 E., and T. 3 S., R. 69 E., Mount Diablo meridian. Accepted October 7, 1903.

EXHIBIT E.—*Statement showing status of contracts not closed at end of fiscal year ended June 30, 1904.*

No.	Date.	Name of deputy.	Description of work.	Remarks.
220	1900. May 29	Thomas K. Stewart ..	All lines necessary to fully complete the survey of Tps. 19 and 20 N., R. 21 E., Mount Diablo meridian, rejected by examiner.	Plats and transcript of field notes forwarded to General Land Office Feb. 5, 1904. Suspended May 19, 1904.
221	June 1	Richard H. Cook	All lines necessary to fully complete the survey of Tps. 33, 34, 35, and 37 N., R. 38 E., and Tps. 32, 33, and 34 N., R. 39 E., Mount Diablo meridian.	Rejected by Commissioner Aug. 21, 1903. Deputy ordered to reexecute field work Sept. 3, 1903. In the field June 30, 1904.
223	June 4	Henry W. Newby (H. Thurtell, compassman).	All lines necessary to fully complete the survey of Tps. 32 and 33 N., R. 58 E.; Tps. 35, 36, and 37 N., R. 60 E.; T. 37 N., R. 61 E.; T. 41 N., R. 64 E., and Tps. 35, 36, 37, and 38 N., R. 70 E., Mount Diablo meridian.	Field notes of five townships on file in office. Compassman in field June 30, 1904.
224	May 11	F. H. Criss, surviving partner of Chalmers & Criss.	Unexecuted portion of contract, viz, fractional T. 30 N., R. 33 E., Mount Diablo meridian.	Plat and transcript of field notes forwarded to General Land Office Aug. 11, 1903. Not accepted.
225	Sept. 26	Dennis Scully	All lines necessary to fully complete the survey of T. 14 N., R. 41 E.; Tps. 17 and 18 N., R. 43 E.; Tps. 17, 18, and 19 N., R. 44 E., and T. 18 N., R. 45 E., Mount Diablo meridian.	Plats and transcript of field notes forwarded to General Land Office Oct. 9, 1903.
229	1901. Nov. 29	Henry Thurtell.....	All lines necessary to fully complete the survey of Tps. 31, 35, and 36 N., R. 46 E.; Tps. 31, 32, and 35 N., R. 47 E.; Tps. 32 and 33 N., R. 51 E., and T. 32 N., R. 57 E., Mount Diablo meridian.	Plats and transcript of field notes forwarded to General Land Office Oct. 21, 1903. Suspended Feb. 4, 1904.
230	1902. Jan. 29	Frank H. Criss.....	All lines necessary to fully complete the survey of Tps. 16 and 20 N., R. 22 E.; T. 28 N., R. 23 E.; Tps. 19 and 20 N., R. 24 E.; and Tps. 22 and 23 N., R. 25 E., Mount Diablo meridian.	Plats and transcript of field notes forwarded to General Land Office Jan. 27, 1904; suspended May 13, 1904.
232	May 8	Leon H. Taylor and W. Arthur Keddie.	All lines necessary to fully complete the survey of Tps. 41 and 42 N., R. 53 E.; Tps. 43, 44, and 45 N., R. 55 E.; Tps. 41 and 43 N., R. 56 E., Mount Diablo meridian.	Plats and transcript of field notes forwarded to General Land Office Dec. 28, 1903; suspended May 28, 1904.
234	June 5	Joseph H. Drips	All lines necessary to fully complete the survey of T. 34 N., Rs. 22 and 23 E.; T. 37 N., Rs. 22 and 23 E.; T. 38 N., R. 23 E.; Tps. 39, 40, 41, and 45 N., R. 26 E., Mount Diablo meridian.	Deputy in field June 30, 1904.
236	1903. June 12	Thomas K. Stewart...	All lines necessary to fully complete the survey of the sixth S. P. N. through Rs. 25, 26, 27, 28, 29, 30, 31, and unsurveyed part of 32 E.; third S. P. N. through Rs. 27, 28, 29, 30, and 31 E.; second S. P. N. through R. 30 E.; first S. P. N. through Rs. 36 and 37 E.; the Mount Diablo base through R. 37 E.; the Reese River guide meridian through Tps. 5, 6, 7, 8, 9, and part of 10 S.; second S. P. S. from the Reese River guide meridian to the western boundary of the State of Nevada.	Do.
237	Oct. 15	Henry E. Franks and James S. Mullen.	See Exhibit C	Contract modified by Commissioner Feb. 12, 1904. Modification accepted by contracting deputies; contract and special instructions, as modified; accepted by Commissioner May 4, 1904. Deputies in field June 30, 1904.

378 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

EXHIBIT E.—*Statement showing status of contracts not closed at end of fiscal year ended June 30, 1904*—Continued.

No.	Date.	Name of deputy.	Description of work.	Remarks.
238	1903. Nov. 29	Davis and Byler.....	See Exhibit B.....	Deputies directed to take the field Mar. 30, 1904.
239	Dec. 26	J. W. Fitzpatrick.....	do.....	Deputy in field June 30, 1904.
240	1904. Feb. 15	L. G. B. McDowell.....	See Exhibit A.....	Do.
(a) 242	Apr. 21	do.....	do.....	Do.
242	June 9	Clinton Gurnee.....	do.....	Awaiting acceptance at General Land Office.
243	June 20	George A. Bellinger.....	do.....	Do.

a Special instructions.

EXHIBIT F.—*Detailed statement of field work returned during the fiscal year ended June 30, 1904.*

No.	Name of deputy.	Base, meridian, standard, and meander lines.	Township lines.	Section and connection lines.	Returned amounts.
		<i>M. C. L.</i>	<i>M. C. L.</i>	<i>M. C. L.</i>	
220	T. K. Stewart.....		18 48 30	104 23 9	\$1,364.46
225	Dennis Scully.....	10 9 96	114 56 56	333 76 34½	3,770.70
229	Henry Thurtell.....	5 75 91	68 50 72	336 50 28	4,825.47
230	F. H. Criss.....		88 66 40	314 45 42	5,461.83
232	Taylor & Keddie.....		68 65 68	358 48 59	3,223.92
	Total.....	16 5 87	459 53 66	1,648 3 92½	18,646.38

Aggregate, 2,123 miles, 63 chains, 45½ links.

EXHIBIT G.—*List of deputy United States mineral surveyors for the district of Nevada, June 30, 1904.*

No.	Name.	Residence.	Commission expires—
1	John Pardy.....	Eureka, Nev.....	Mar. 2, 1905
2	Frank A. Keith.....	Delamar, Nev.....	Mar. 23, 1905
3	John T. McWilliams.....	Good Springs, Nev.....	Apr. 12, 1905
4	Frank P. Swindler.....	Delamar, Nev.....	May 20, 1905
5	William N. McGill.....	Ely, Nev.....	Aug. 24, 1905
6	John R. Cook.....	Pioche, Nev.....	Do.
7	William H. Linney.....	Delamar, Nev.....	Oct. 21, 1905
8	Frederick Davis.....	Elko, Nev.....	Nov. 5, 1905
9	Elmer A. Vail.....	Salt Lake City, Utah.....	Dec. 7, 1905
10	Charles P. Brooks.....	do.....	Jan. 31, 1906
11	Vivian P. Strange.....	do.....	Feb. 10, 1906
12	William H. Blackburn.....	do.....	Mar. 30, 1906
13	Richard H. Browne.....	do.....	Apr. 1, 1906
14	Alfredo H. Talamantes.....	do.....	Do.
15	Isaac C. Macfarlane.....	St. George, Utah.....	Mar. 20, 1906
16	Thomas L. Henderson.....	Searchlight, Nev.....	Mar. 18, 1906
17	Thomas J. Jones.....	Berlin, Nev.....	Apr. 23, 1906
18	James B. Pope.....	San Bernardino, Cal.....	May 24, 1906
19	Harry K. Wheeler.....	Los Angeles, Cal.....	Apr. 3, 1906
20	Hermon W. Horne.....	Salt Lake City, Utah.....	June 21, 1906
21	Curtis L. Knight.....	do.....	June 30, 1906
22	Seymour K. Bradford.....	Butler, Nev.....	Aug. 16, 1906
23	James C. Dick.....	Salt Lake City, Utah.....	Aug. 4, 1906
24	William T. Moran.....	Virginia City, Nev.....	July 16, 1906
25	Fred L. Gould.....	Reno, Nev.....	Aug. 8, 1906
26	Charles M. Haws.....	Elko, Nev.....	Oct. 11, 1906
27	Leon H. Taylor.....	Reno, Nev.....	Nov. 22, 1906
28	Lafayette G. Burton.....	Salt Lake City, Utah.....	Dec. 18, 1906
29	Joseph H. Drips.....	Reno, Nev.....	Do.
30	Emmet A. Byler.....	Victor, Colo.....	Dec. 23, 1906
31	George M. Bacon.....	Salt Lake City, Utah.....	Jan. 8, 1907
32	Roy R. Moore.....	Butler, Nev.....	Jan. 31, 1907
33	Carl Stoddard.....	do.....	Mar. 6, 1907
34	George W. Snow.....	Salt Lake City, Utah.....	Mar. 25, 1907

EXHIBIT G.—*List of deputy United States mineral surveyors for the district of Nevada, June 30, 1904—Continued.*

No.	Name.	Residence.	Commission expires—
35	George T. Saxton	Butler, Nev.	Apr. 3, 1907
36	Henry Fitzhugh	Salt Lake City, Utah	June 10, 1907
37	Thomas K. Stewart	Reno, Nev.	June 17, 1907
38	Charles W. Irish	Gold Creek, Nev.	July 25, 1907
39	Jacob H. Trolsom	Austin, Nev.	Do.
40	Harry E. Stewart	Reno, Nev.	July 6, 1907
41	William D. Arnett	do.	Oct. 15, 1907
42	Lester C. Bell	Berlin, Nev.	Dec. 16, 1907
43	Warren V. Richardson	Butler, Nev.	Dec. 8, 1907
44	Aaron D. Campton	Ely, Nev.	Nov. 30, 1907
45	John B. Menardi	Goldfield, Nev.	Apr. 6, 1908
46	John G. Booker	Butler, Nev.	Apr. 29, 1908
47	George H. Spencer	Los Angeles, Cal.	May 2, 1908
48	Frank Anderson	Salt Lake City, Utah	
49	Walter D. O'Brien	Goldfield, Nev.	June 1, 1908

CONTRACTING DEPUTIES NOT HOLDING APPOINTMENT AS MINERAL DEPUTIES.

1	Frank H. Criss	Caliente, Nev.	
2	Dennis Scully	Austin, Nev.	
3	Henry Thurtell	Reno, Nev.	
4	W. A. Keddle	do.	
5	H. E. Franks	Berkely, Cal.	
6	James S. Mullen	do.	
7	Lee W. Davis	Victor, Colo.	
8	John W. Fitzpatrick	Redding, Cal.	
9	Lee G. B. McDowell	Reno, Nev.	

EXHIBIT H.—*Statement showing orders for mineral surveys issued by the Surveyor-General of Nevada, during fiscal year, ended June 30, 1904.*

No.	Applicant.	Claim.	District.	Date of approval.
2133	Grand Deposit Copper Co.	Petersburg	Silver Mountain	No returns.
2134	do.	Grand Deposit	do.	Do.
2134	do.	Emma	do.	Do.
2134	do.	Clinton	do.	Do.
2134	do.	Broadside	do.	Do.
2134	do.	Protector	do.	Do.
2134	do.	Sunrise	do.	Do.
2134	do.	Grand Central	do.	Do.
2134	do.	Kansas	do.	Do.
2134	do.	Defiance No. 2	do.	Do.
2135	Nevada—Alpine Mining Co.	Rattler No. 4 Fraction	Unorganized	Oct. 21, 1903
2136	W. C. Williams	Gold Ledge	Olinghouse	Mar. 25, 1904
2137	do.	Cabin Mine	do.	Do.
2138	Siegel Consolidated Mining Co.	St. Anthony No. 2	Silver Canyon	Feb. 20, 1904
2139	do.	Black Eagle	do.	Do.
2140	do.	Black Eagle No. 2	do.	Do.
2141	do.	Black Eagle No. 3	do.	Do.
2142	do.	Cumberland	do.	Do.
2143	do.	Dorothy	do.	Do.
2144	do.	General Spencer	do.	Do.
2145	do.	Umpire	do.	Do.
2146	do.	St. Anthony Mine No. 1	do.	Do.
2147	Nelson Consolidated Mining Co.	Red, White and Blue	Cope	Returned for revision.
2147	do.	Intermediate	do.	Do.
2147	do.	Isabella	do.	Do.
2147	do.	Last Chance	do.	Do.
2147	do.	Standard	Cope	Do.
2147	do.	Rattlesnake	do.	Do.
2147	do.	Scorpion	do.	Do.
2148	do.	Philadelphia Placer	do.	Do.
2149	The Hasbrouck Gold Mining Co.	Hasbrouck Group	Tonopah Gold Mountain.	Nov. 3, 1903
2149	do.	San Jose	do.	Do.
2149	do.	Sacramento	do.	Do.
2149	do.	Golden Gate	do.	Do.
2149	do.	El Dorado	do.	Do.
2149	do.	Nettie W	do.	Do.
2149	do.	Sierra Nevada	do.	Do.

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EXHIBIT H.—Statement showing orders for mineral surveys issued by the Surveyor-General of Nevada, during fiscal year, ended June 30, 1904—Continued.

No.	Applicant.	Claim.	District.	Date of approval.
2150	Henry Siegel	Black Eagle No. 4	Silver Canyon ..	Feb. 20, 1904
2151	do.	Delta Lode	do.	Do.
2152	Pennsylvania Hill Mining Co.	Keystone	Centennial	Mar. 10, 1904
2152	do.	Abe Lincoln	do.	Do.
2152	do.	Pittsburg	do.	Do.
2153 A	Thomas J. Osborn	Navy Lode	do.	May 14, 1904
2153 B	do.	Navy Mill Site	do.	Do.
2154	Tonopah Midway Mining Co.	Midway Lode	Tonopah	Apr. 16, 1904
2155	do.	Bullwhacker Lode	do.	Do.
2156	The Nevada Co.	Sullivan	Mammoth	June 4, 1904
2157 A	do.	Town Lode	do.	Do.
2157 A	do.	Discovery	do.	Do.
2157 A	do.	Horn Silver	do.	Do.
2157 A	do.	Cave Lode	do.	Do.
2157 B	do.	Great Western Mill Site	do.	June 16, 1904
2158	James Clark	Rainbow Placer	Centennial	Mar. 10, 1904
2159	do.	Gold Bug Placer	do.	Do.
2160	do.	Ishtar Placer	do.	Do.
2161	The Nevada Development Co.	Snipe	Table Mountain ..	Mar. 11, 1904
2162	do.	Lulla B.	do.	Do.
2163	The White Rock Gold Mining Co.	Matchless Placer	Centennial	No returns.
2163	do.	Surprise Placer	do.	Do.
2163	do.	Palo Alto Placer	do.	Do.
2163	do.	Climax Placer	do.	Do.
2164	The Quartette Mining Co.	Bishop Lode	Searchlight	Apr. 30, 1904
2165	Estate of H. W. Corbett	Gold Nugget	Gold Canyon	May 7, 1904
2165	do.	Sunset	do.	Do.
2165	do.	Golden Rule	do.	Do.
2165	do.	Double Standard	do.	Do.
2166	The Saturn Mining Co.	Saturn	Searchlight	Apr. 30, 1904
2166	do.	Jupiter	do.	Do.
2166	do.	Cassiopeia	do.	Do.
2167	The Quartette Mining Co.	St. Patrick	do.	May 28, 1904
2168	do.	Sphinx	do.	Do.
2169	Tonopah Belmont Development Co.	Silver State	Tonapah	June 18, 1904
2170	The Tonopah Cash Boy Mining Co.	Cash Boy	do.	Mar. 11, 1904
2171	The Tonopah Midway Mining Co.	Silver Top	do.	June 22, 1904
2172	do.	Monte	do.	Do.
2173	The Doctor White Wolf Mining Co.	Vera Lode	Goldfield	Mar. 23, 1904
2174	The Nevada Co.	Index Lode	Mammoth	Returned for revision.
2175	H. L. Norton et al.	Buffalo Salt Placer	Not organized ..	May 25, 1904
2176	Eugene Locke	Stewart	Troy	Returned for revision.
2176	do.	1st SW. Extension Stewart	do.	Do.
2177	The Golden Anchor Mining Co.	Golden Anchor	Tonopah	June 22, 1904
2178	do.	Black Mascot	do.	Do.
2179	do.	Triplet	do.	Do.
2180	James Ivers et al.	Ivers Lode	Unorganized	Returns on file.
2181 A	Johnnie Consolidated Mining Co.	Johnnie	Montgomery	No returns.
2181 A	do.	April Fool	do.	Do.
2181 A	do.	Minnie Mae	do.	Do.
2181 A	do.	Fraction	do.	Do.
2181 A	do.	Fraction Lode No. 2	do.	Do.
2181 A	do.	First Chance	do.	Do.
2181 A	do.	Last Chance	do.	Do.
2181 A	do.	Teddy's	do.	Do.
2181 A	do.	Teddy's Terrors	do.	Do.
2181 A	do.	Los Angeles	do.	Do.
2181 B	do.	Minnie Mae Mill Site	do.	Do.
2182 A	do.	Tiger	do.	Do.
2182 A	do.	Chas. Swab	do.	Do.
2183 A	Fred Clark	Green Monster	Yellow Pine	Do.
2183 A	do.	Ida	do.	Do.
2183 A	do.	Monarch	do.	Do.
2183 A	do.	Hillside No. 2	do.	Do.
2183 B	do.	Green Monster Mill Site	do.	Do.
2184	R. M. Woodward and Wm. Butte.	Gold Bug Placer	Centennial	Do.
<i>Amended survey.</i>				
1993	Jesse Knight	Copper King	Copper Valley ..	Feb. 4, 1904

EXHIBIT I.—Detailed statement of office work performed in the office of the United States surveyor-general of Nevada, during the fiscal year ended June 30, 1904.

Plats of mineral work:

Plats of mining claims	364
Amended mineral plats	13
Certified and extra copies	3

380

Township work, two plats each.

	Aeres.	Maps.
Contract No. 225, 7 townships	87, 272.1	14
Contract No. 229, 6 townships	87, 463.35	12
Contract No. 232, 7 townships	139, 328.15	14
Contract No. 230, 6 townships	115, 186.50	12
Contract No. 220, 2 townships	35, 645.64	4
Total (5 contracts, 28 townships)	464, 895.81	56

2 exterior plats each of the above contracts (5)	10
2 plats of contract No. 224 amended (1)	2
1 copy of contract No. 233 (3)	3
Total (including maps)	71

MISCELLANEOUS.

Tracings	71
Blueprints	38
Lottings and relottings	40
District maps	6
Amended plats	4
Certified copies	5
Supplemental plats	12
Copies of supplemental plats	10
Sketches of proposed surveys	7
Compiled maps	11
Sketches for examiners	9
Total	213

AGGREGATE.

Township pieces	71
Mineral pieces	380
Miscellaneous pieces	213

Total 664

Letters written:

To Department at Washington	261
To deputy surveyors	935
Miscellaneous	497

Total 1,693

Letters received:

From General Land Office and Department	316
From deputy surveyors	406
Miscellaneous	451

Total 1,173

Official telegrams:

Received	31
Sent	27

Total 58

Grand total 2,924

REPORT OF THE SURVEYOR-GENERAL OF NEW MEXICO.

UNITED STATES SURVEYOR-GENERAL'S OFFICE,
Santa Fe, N. Mex., June 30, 1904.

SIR: In compliance with instructions contained in your letter E, dated April 21, 1904, I have the honor to submit in duplicate my annual report for the fiscal year ending June 30, 1904, with tabular statements, as follows, viz:

A.—Statement showing contracts for the survey of public lands awarded during the fiscal year ending June 30, 1904.

B.—Contracts awarded for the resurvey and allotment of Indian reservations for the fiscal year ending June 30, 1904.

C.—Surveys returned during the fiscal year ending June 30, 1904.

During the said fiscal year the following letters, documents, plats, field notes, and other papers have been prepared, briefed, and recorded, viz:

Letters to the Commissioner, General Land Office	300
Miscellaneous letters sent	1, 215
Official letters received and recorded	258

Transcripts of field notes:

Grant	pages..	464
Township	do	1, 112
Mineral	do	836
Mineral monuments	do	15
Reports on mining claims	do	82
Deputies in field	do	788
Small-holding claims	do	479
For examiner	do	36
Total		3, 812
Township plats		65
Amended township plats		24
Amended township plats showing segregated mineral claims		16
Exterior township plats		16
Enlarged small-holding plats		33
Mining-district plats		11
Mineral-monument plats		8
Grant plats		11
Mineral plats		134
Diagram plats for General Land Office		17
Outline plats, or tracings, for deputies		14
Diagrams to accompany contracts, special instructions, and examinations		30
Mining claims copied for use of deputies		3
Recitals and descriptive notes for grant patents	pages..	250
Notices for publication, survey of private-land claims, in duplicate	do	6
Translations	do	221
Copies of certified copies of location notices for mineral surveys		504
Descriptive lists for land office	pages..	84
Annual report, estimates, etc., in triplicate	do	48
Semiannual property return, in duplicate	do	27
Accounts current, in duplicate		32
Abstracts, in triplicate		48
Vouchers, in duplicate		84
Contracts and bonds		7
Special instructions, public lands, grants, and small-holding claims		9
Total number of typewritten pages contained in said special instructions		110
Official orders for mineral surveys (131 claims)		44
Tracings to accompany contracts		21
Tracings for examiners		19
Tracings, miscellaneous		10
Books of field notes examined and corrected		160

Books of field notes lettered.....	48
Placards and labels lettered.....	15
Letter books lettered.....	4
Deputy surveyor's commission lettered.....	1
Recording mining claims in mining docket.....	109
Protracting mining claims on mining-district plats.....	103
Docketing and filing papers in grant cases.....	37
Latitude and departure tables, made and checked.....	257
Clerk's certificates and orders of the Court of Private Land Claims lettered on grant plants.....	8
Miscellaneous blueprints made and mounted.....	64
Miscellaneous plats mounted.....	118
Large map of New Mexico (6 miles to the inch).....	1
Plats amended and corrected.....	30
Miscellaneous papers copied, compared, etc.....	601

During said fiscal year the mileage of surveys transmitted to the Commissioner of the General Land Office was as follows:

Character of work.	Measurements.		
	<i>M.</i>	<i>C.</i>	<i>L.</i>
Standard lines.....	41	24	12
Township and range lines.....	309	72	70
Subdivisional lines.....	914	22	27
Grant lines.....	199	21	27
Meander lines.....	35	51	30
Small-holding claim lines.....	194	52	88
Connecting lines.....	170	28	14
Total.....	1,865	32	68

During said fiscal year tracings and descriptive lists have been furnished to district land offices as follows:

	Land offices.				
	Santa Fe.	Las-Cruces.	Roswell.	Clayton.	Total.
Township plats.....	8	1	2	.....	11
Fractional township plats.....	7	5	1	.....	13
Mining plats.....	18	12	3	.....	33
Small-holding plats.....	10	12	.....	.....	22
Descriptive lists, sheets.....	35	12	6	.....	53
Plats showing lots made fractional by mining claims.....	2	12	1	.....	15
Total.....	80	54	13	.....	147

MINERAL SURVEYS.

Mineral claims surveyed during fiscal year ending June 30, 1904.....	95
Surveys ordered, returns not filed.....	36
United States mineral monuments established.....	3

Total..... 134

During the said fiscal year there has been deposited on account of surveys of mining claims the sum of \$3,760, and applications were made for the survey of 131 mining claims.

SMALL-HOLDING CLAIMS.

There have been 4,489 small-holding claims filed in this office under the provisions of sections 16 and 17 of the act of March 3, 1891, as amended, for tracts of land not exceeding 160 acres each.

Contracts have been awarded for the survey of some 1,600 small-holding claims; said filings cover, in a majority of instances, from 2 to 6 tracts, and a conservative estimate of the number of tracts embraced in these small-holding applications still to be surveyed is 8,900. Where such tracts are embraced in townships to be surveyed, the surveys of such small-holding claims situate therein are executed at the time of extending the lines of public survey over such townships, and where they are situate in townships heretofore surveyed, per diem contracts for such surveys are awarded.

The time limit within which such small-holding filings could be filed in this office expired with March 3, 1901.

The platting of these small-holding claims is very complicated, and aside from showing the same on the township plats, small-holding plats on an enlarged scale are made in triplicate, showing sometimes only one or two sections, which often necessitates the making of 27 to 30 small-holding plats for one township. When small-holding claims are situate in townships to be surveyed, the subdivisinal rate of mileage only is allowable to the deputies for establishing the boundaries of such claims and connecting the same to corners of public surveys. These small-holding tracts entail a vast amount of labor in the hauling of stone for monuments, setting and marking corners for all angles of such irregular tracts, and payment is allowed for one boundary only if the same is a common boundary with an adjoining small-holding claim surveyed by the same deputy; and by reason of having to write the field notes complete for each tract, setting and marking the corners for same, and connecting two corners thereof to a corner of the public survey, the deputies complain that they can not make living wages at the low rates of mileage now paid, and are loath to accept contracts for this class of work. The law in this case should be changed to allow the awarding of contracts for all small-holding surveys at per diem rates, whether the same be in townships heretofore surveyed or in townships to be surveyed, and this embarrassment removed. Payment for the execution of small-holding surveys is made from the appropriation for the survey and resurvey of public lands, and for that reason the amount of the appropriation to be apportioned to the Territory of New Mexico should be increased.

PRIVATE LAND CLAIMS.

All private land claims confirmed by the United States Court of Private Land Claims have been surveyed and approved. Contracts for the survey of three private land claims confirmed by Congress are pending and will be completed during the fiscal year ending June 30, 1905.

CONCLUSION.

The sum of \$10,000 was apportioned to New Mexico for public surveys during the fiscal year ending June 30, 1904, and contracts for surveys to that amount were awarded.

The clerical work of this office is up to date, and field notes filed are taken up to be examined, platted, etc., immediately upon receipt.

Very respectfully,

M. O. LLEWELLYN,

United States Surveyor-General of New Mexico.

The COMMISSIONER OF THE GENERAL LAND OFFICE,

Washington, D. C.

EXHIBIT A.—*Tabular statement of contracts awarded under appropriation for the survey of public lands for the fiscal year ending June 30, 1904.*

No.	Date.	Surveyor.	Liability.	Description.
367	1903. Dec. 12	George Lynch	\$1,260.00	Survey of all valid small-holding claims located in T. 2 S., R. 1 W.
368	Dec. 15	H. S. DuVal	300.00	Subdivisinal lines of fractional T. 8 N., R. 2 E.
(a)	1904. Jan. 14	.....do	20.00	Meanders of the Rio Grande through fractional T. 8 N., R. 2 E.
369	1903. Dec. 24	Clarence Goddard....	4,080.00	Exterior and subdivisinal lines and small-holding claims of Tps. 14 S., R. 16 W., and 22 and 23 S., R. 21 W.
370	1904. Jan. 18	H. S. DuVal	1,650.00	Exterior and subdivisinal lines and small-holding claims of Tps. 17 and 18 N., R. 28 E.; 1 S., R. 1 W., and 21 N., R. 22 E.
371	Jan. 22	B. A. Nymyer	600.00	Exterior and subdivisinal lines and small-holding claims of T. 19 S., R. 37 E.
372	Apr. 15	Duane Wheeler	2,090.00	Exterior and subdivisinal lines and small-holding claims of Tps. 5, 6, and 7 E., R. 8 E., and 4 N., R. 9 E.

^aSpecial instructions.

REPORT OF COMMISSIONER OF GENERAL LAND OFFICE. 385

EXHIBIT B.—*Tabular statement of contracts awarded under the appropriation for the survey and allotment of Indian reservations for the fiscal year ending June 30, 1904.*

No.	Date.	Surveyor.	Liability.	Description.
374	1902. June 9	W. W. Jones.....	\$500.00	Resurvey of the west boundary of the Zuñi Indian Reservation.

EXHIBIT C.—*Tabular statement showing surveys, returns for which have been filed during fiscal year ending June 30, 1904.*

No.	Date.	Surveyor.	Liability.	Description.
350	1902. Apr. 12	John H. Walker.....	\$3,000.00	A portion of the exterior and subdivisinal lines of fractional T. 12 N., R. 5 E., together with small-holding claims located therein. Part of returns under this contract reported in previous annual report.
358	Apr. 3	.....do	4,000.00	Exterior and subdivisinal lines of fractional T. 22 N., R. 14 E., and establishment of a part of the south and west boundaries of the Mora grant. Remainder of returns reported under last annual report.
359	Apr. 4	Jay Turley	3,900.00	Exterior and subdivisinal lines and small-holding claims of Tps. 16 and 17 S., R. 11 E.; 3 N., R. 10 E., and 19 N., R. 10 E. Balance of returns reported under last annual report.
(a) 362	Oct. 9 Nov. 5	John H. Walker..... Wendell V. Hall.....	100.00 1,636.50	Fractional T. line between Tps. 11 and 12 N., R. 5 E. Exterior boundary and connecting lines of the Santa Teresa, San Miguel del Bado, and Refugio Colony grants.
363	Dec. 3	John H. Walker.....	2,610.32	Exterior and subdivisinal lines and small-holding claims of Tps. 14 N., R. 1 W.; 15 N., R. 2 W.; 10 N., R. 21 E.; 14 N., R. 16 E., and 17 E. and 23 N., R. 17 E. Remainder of returns not yet filed.
364	....do....	Wendell V. Hall.. ...	1,701.43	Exterior and subdivisinal lines and small-holding claims of T. 5 N., R. 7 E., T. 5 N., R. 9 E., and T. 6 N., R. 6 E.
368	1903 Dec. 15	H. S. DuVal	300.00	Subdivisinal lines of fractional T. 8 N., R. 2 E.
(a) 361	1904 Jan. 13 1902 Aug. 20	.....do	20.00	Meanders of the Rio Grande through T. 8 N., R. 2 E.
		Jos. F. Thomas	3,163.25	Subdivisinal lines of T. 26 N., R. 8 E., exterior and subdivisinal lines and small-holding claims of T. 28 N., R. 8 E., exterior and subdivisinal lines and small-holding claims of T. 28 N., R. 9 E. Remainder of returns not yet filed.

^a Special instructions.

REPORT OF THE SURVEYOR-GENERAL OF NORTH DAKOTA.

UNITED STATES SURVEYOR-GENERAL'S OFFICE,
Bismarck, N. Dak., July 13, 1904.

SIR: In compliance with your circular letter E, dated April 21, 1904, I have the honor to submit, in duplicate, my annual report of the surveying operations in North Dakota for the fiscal year ended June 30, 1904, with tabular statement, as follows:

A.—Statement of contracts entered into on account of the appropriation for the survey and resurvey of public lands for the fiscal year ended June 30, 1904.

No deposits by individuals for the survey of public lands have been made, and no contracts have been made on that account.

The character and extent of surveys executed in the field and upon which the examination, platting, transcribing, and other necessary office work has been completed since the date of my last annual report is shown by the following table:

Character of work.	Measurements.		
	M.	C.	L.
Standard lines.....	17	56	20
Township lines.....	150	59	75
Section lines.....	2,206	28	55
Connecting lines.....	68	15	57
Meanders.....	12	59	62
Retracements.....	11	74	41
Total.....	2,467	54	10

During the fiscal year letters, plats, diagrams, transcripts of field notes, special instructions, contracts and bonds, and other miscellaneous papers, including plats and transcripts of the resurveys and surveys of the Fort Totten Military Reservation and Devils Lake Indian Reservation, have been prepared, as follows:

Letters to the General Land Office.....	99
Letters to deputy surveyors and individuals.....	158
Township plats of surveys.....	159
Diagrams of exterior lines.....	6
Transcripts of field notes.....	73
Outline plats for deputy surveyors.....	22
Contracts and bonds, in quadruplicate.....	2
Special instructions, in quadruplicate.....	2
Supplemental special instructions, in quadruplicate.....	8

The survey of the Fort Totten Military Reservation and the resurvey of the Devils Lake Indian Reservation have been completed and the plats and transcripts are very nearly finished, but the mileage is not included in this report.

Two townships surveyed by Charles H. Bates, under contract No. 79, and 17 townships surveyed by Dike and Veigel, under contract No. 78, are now being examined in the field by Examiner E. H. Van Antwerp.

With the exception of contracts now in force, and the deputies in the field, there remains but a very small part of the public lands in North Dakota to be surveyed, and it is my opinion that these lands should be surveyed, as well as the unsurveyed lands in the Standing Rock and Fort Berthold Indian reservations, which will complete all of the surveys in this State.

Very respectfully,

ERASTUS A. WILLIAMS,
United States Surveyor-General of North Dakota.

The COMMISSIONER OF THE GENERAL LAND OFFICE,
Washington, D. C.

A.—Statement of contracts entered into on account of the appropriation for the survey and resurvey of public lands for the fiscal year ended June 30, 1904.

No.	Date.	Deputies.	Character and location of work.	Estimated cost.
79 ^a	1903. Aug. 18	Charles H. Bates	The lines between Rs. 100 and 101, and 101 and 102 W., through Tps. 145, 146, 147, and 148 N.; the lines between Tps. 145 and 146, 146 and 147, and 147 and 148 N., through Rs. 100, 101, and 102 W., all of the legal section, meander, and connecting lines of Tps. 145, 146, 147, and 148 N., of Rs. 100, 101, and 102, all west of the fifth principal meridian in the State of North Dakota.	\$5,000.00
80 ^b	1904. May 16	Walter R. Veigel and George K. Dike.	The line between Rs. 100 and 101, through Tps. 147 and 148 N.; the line between Rs. 101 and 102, through Tps. 145, 146, 147, and 148 N.; the lines between Tps. 145 and 146, and 146 and 147 N., through Rs. 101 and 102; and the line between Tps. 147 and 148 N., through Rs. 100, 101, and 102. All of the legal section, meander, and connecting lines of Tps. 147 and 148 N., of Rs. 100; and Tps. 145, 146, 147, and 148 N., Rs. 101 and 102, all west of the fifth principal meridian in North Dakota.	6,000.00

^a All of contract No. 79, except the north and west boundaries and the subdivision of townships 145 and 146 north, of range 100 west, was canceled February 27, 1904.

^b Contract No. 80 includes all of the canceled portion of contract No. 79.

REPORT OF THE SURVEYOR-GENERAL OF OREGON.

OFFICE OF UNITED STATES SURVEYOR-GENERAL,
Portland, Oreg., July 1, 1904.

SIR: In compliance with your circular letter E, dated April 21, 1904, I have the honor to submit the following report (in duplicate) of surveying operations in the district of Oregon for the fiscal year ended June 30, 1904, with nine tabular statements, viz:

A.—Showing outstanding contracts for public-land surveys not disposed of at the beginning of the fiscal year ended June 30, 1904.

B.—Showing contracts and special instructions awarded during the fiscal year ended June 30, 1904.

C.—Showing contracts for public-land surveys examined and approved by the surveyor-general during the fiscal year ended June 30, 1904.

D.—Showing contracts for public-land surveys accepted and approved by the Commissioner of the General Land Office during the fiscal year ended June 30, 1904.

E.—Showing contracts for public-land surveys outstanding or undisposed of at the close of the fiscal year.

F.—Office work on mineral surveys during fiscal year ended June 30, 1904.

G.—Mineral surveys approved and delivered during fiscal year ended June 30, 1904.

H.—Statement of mineral surveys before the office June 30, 1804.

I.—Showing funds at the disposal of the office and disbursements made during the fiscal year ended June 30, 1904.

During the said fiscal year the following letters, documents, field notes, diagrams, plats, and other papers, tracings, etc., have been prepared, or briefed and recorded, viz:

OFFICIAL CORRESPONDENCE.

Letters received from Commissioner of the General Land Office.....	267
Letters received from miscellaneous individuals	1, 146
	1, 413
Letters written to Commissioner, of the General Land Office	305
Letters written to miscellaneous individuals.....	1, 412
	1, 717
Covering 1,918 pages.	

TRANSCRIPTS OF FIELD NOTES.

Notes of public-land surveys transcribed	pages.. 2, 789
Notes of old surveys for deputies	do.... 28
Notes for examiners, special agents, etc.....	do.... 252
	3, 069

TOWNSHIP PLATS PREPARED.

Original township plats (whole townships)	32
Copies of same	64
Original plats of fractional townships	11
Copies of same	18
Exterior township plats	7
Copies of same	7

MISCELLANEOUS OFFICE WORK.

Letters indexed	1, 413
Press copy letters indexed	1, 717
Old letters indexed	1, 319
Old press copy letters indexed	5, 386
Field notes of public surveys indexed (townships)	378
Commissioner's letters indexed and docketed	289
Mineral surveys indexed and docketed	79
Orders for mineral surveys prepared	55
Amended orders for mineral surveys	13
Deputy mineral surveyors' commissions lettered	7
Deputy mineral surveyors' check sheets prepared	35
Whole number of pages included in same	175
Circular letters issued to deputy mineral surveyors	105
Whole number of pages in said letters	135
Invitations for proposals to bid issued	170
Contracts and bonds prepared (4 in quadruplicate)	16
Special instructions to deputy surveyors (6 in quadruplicate)	24
Whole number of pages in said instructions	340
Diagrams to accompany special instructions	27
Accounts of deputy surveyors (7 in triplicate)	21
Miscellaneous papers copied and compared (pages)	95
Miscellaneous diagrams and tracings prepared	42
Dilapidated plats restored for office files	10
Map for special inspector Department of the Interior (requiring nineteen days' work for one man)	1
Township plats muslin backed	996
Transcripts and original notes compared (books)	78
Township plats and transcripts compared	153
Plats and transcripts compared and transmitted	28
Descriptive lists made for local land offices	64
Books of field notes examined	141
Field notes of mineral surveys prepared for binding (volumes)	28
Field notes of public-land surveys prepared for binding (volumes)	33
Vouchers for all accounts (whole number)	226
Abstracts of payments (whole number)	42
Accounts currents (whole number)	28

Jno. D. DALY,

United States Surveyor-General of Oregon.

The COMMISSIONER OF THE GENERAL LAND OFFICE,
Washington, D. C.

A.—Statement showing outstanding contracts for public-land surveys not disposed of at the beginning of the fiscal year ended June 30, 1904.

No.	Date.	Name of deputy.	Fund from which payable.	Liability.	Status of contracts July 1, 1903.
674	1897. May 13	Robert H. Wahn (W. M. Bushey, compassman).	Appropriation for surveys and resurveys, fiscal year June 30, 1897.	\$1, 100	New survey in progress by compassman.
675	....do....	Wm. P. Smith .....	....do	900	Returns of corrected surveys required by Commissioner's letter E, Feb. 20, 1903, not filed.
730	1901. Jan. 8	Stephen A. D. Hungate and Don Meldrum.	Appropriation for surveys and resurveys, fiscal year June 30, 1901.	4, 500	Returns filed and partly transcribed; plats not made.
736	May 25	Alonzo Gesner and F. X. Gesner.	....do	1, 150	Field work not begun.
737	....do....	Wm. C. Elliott and Geo. Scoggin.	....do	1, 000	Do.
739	Oct. 28	S. A. D. Hungate	Appropriation for surveys and resurveys, fiscal year June 30, 1902.	3, 400	Returns filed and examined in part.

390 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

A.—Statement showing outstanding contracts for public-land surveys not disposed of at the beginning of the fiscal year ended June 30, 1904—Continued.

No.	Date.	Name of deputy.	Fund from which payable.	Liability.	Status of contracts July 1, 1903.
740	1902. Feb. 12	Alonzo Gesner and F. X. Gesner.	Appropriation for surveys and resurveys, fiscal year June 30, 1902.	\$1,475	T. 3 S., R. 6 E., completed and forwarded General Land Office; field work on T. 7 S., R. 8 W., not begun.
742	....do....	Z. M. Derriek and M. Wygant.	....do....	200	Notes filed but returned to deputies for correction.
743	....do....	R. A. Emmitt	....do....	1,600	Notes filed in part but returned to deputy for correction: time extended on 1 township.
744	Apr. 16	Rufus S. Moore	....do....	3,500	Returns not filed.
745	May 1	Wm. H. Byars.	....do....	1,000	Returns filed in part: time extended on 1 township.
746	May 5	Homer D. Angell	....do....	2,700	Returns filed in part: partly completed. Time extended on 1 township.
747	....do....	Chas. L. Campbell	....do....	2,500	Returns filed and partly worked up.
748	May 23	G. Klaetsch and B. F. Minton.	....do....	2,600	Returns not filed.
752	Sept. 8	Geo. S. Nickerson.	Appropriation for surveys and resurveys, fiscal year June 30, 1903.	300	Do.
(a)	1903. June 9	Chas. E. Moore	....do....	100	Deputy in the field.
(a)	June 11	Alonzo Gesner and F. X. Gesner.	....do....	210	Do.

^a Special instructions.

B.—Statement showing contracts awarded during the fiscal year ended June 30, 1904.

No.	Date.	Name of deputy.	Liability.	Fund from which payable.
753	1904. Apr. 15	Ray L. Stout	\$250	Appropriation for surveys and resurveys, fiscal year June 30, 1904.
754	....do....	R. A. Emmitt	400	Do.
(a)	June 8	Fred Mensch	100	Do.
755	June 11	A. A. Morrill	1,325	Do.
756	June 13	E. F. Sharp	850	Do.

^a Special instructions.

LOCATION OF TERRITORY EMBRACED WITHIN THE ABOVE CONTRACTS.

No.	Description of surveys.
753	All the section and connecting lines necessary to complete the survey of fractional T. 38 S., R. 3 W., Willamette meridian, Oregon.
754	All the meander, township, section, and connecting lines necessary to complete the survey of fractional T. 35 S., R. 7½ E., Willamette meridian, Oregon.
(a)	Lines necessary to complete the survey of secs. 24, 25, and 26, fractional T. 39 S., R. 7 W., Willamette meridian, Oregon.
755	All the meander, township, section, and connecting lines necessary to complete the survey of T. 4 N., R. 41 E., and fractional T. 6 N., R. 44 E., Willamette meridian, Oregon.
756	All the township, section, and connection lines necessary to complete the survey of fractional Tps. 14 S., R. 11 E.; 9 S., R. 14 E., and 13 S., R. 12 E., Willamette meridian, Oregon.

^a Special instructions.

C.—Statement showing contracts for public-land surveys examined and approved by the surveyor-general during the fiscal year ended June 30, 1904.

No.	Extent of survey.				Contract data.	
	Location.		Mileage.	Acreage.		
	T.	R.				
			M.	C.	L.	
730	35 S.	42 E.	84	0	57	26,165.39
	35 S.	43 E.	77	77	23	23,038.35
	35 S.	44 E.	78	52	98	23,761.15
	34 S.	44 E.	72	70	46	23,014.69
	34 S.	45 E.	85	70	23	24,049.61
	33 S.	44 E.	70	67	60	21,677.55
	33 S.	45 E.	79	72	65	24,093.70
	32 S.	43 E.	83	5	94	26,193.72
	32 S.	44 E.	79	20	16	25,420.33
	32 S.	45 E.	84	29	8	26,762.44
739	36 S.	44 E.	53	14	5	15,434.04
	36 S.	45 E.	48	61	36	15,540.04
	36 S.	46 E.	44	58	83	11,610.16
	36 S.	47 E.	55	16	69	15,797.21
	36 S.	48 E.	55	3	63	15,794.12
	36 S.	49 E.	1	53	20	109.49
	37 S.	44 E.	78	42	1	22,928.68
	37 S.	45 E.	71	76	19	23,022.22
	37 S.	46 E.	72	4	78	23,081.87
	37 S.	47 E. ^a	17	78	14	-----
	37 S.	48 E.	77	79	89	23,037.79
	37 S.	49 E.	7	54	24	185.20
	38 S.	44 E. ^a	18	2	64	-----
	38 S.	45 E. ^a	12	0	27	-----
	38 S.	46 E. ^a	12	1	44	-----
742	10 S.	9 W.	11	74	81	4,572.32
746	27 S.	1 W.	91	2	54	22,596.41
	28 S.	1 W.	89	36	91	20,475.50
747	38 S.	21 E.	64	31	24	17,333.25
	5 N.	45 E.	40	1	56	15,322.24
	32 S.	2 W.	73	35	68	23,919.97
(b)	25 S.	9 W.	59	78	37	21,692.19
	36 S.	24 E.	6	15	3	1,345.46
Awarded Jan. 8, 1901, to Stephen A. D. Hungate and Don E. Meldrum; liability, \$4,500. Approved by surveyor-general Mar. 11, 1904. Account, \$1,415.18.						
Awarded Oct. 28, 1901, to Stephen A. D. Hungate; liability, \$3,400. Approved by surveyor-general Jan. 20, 1904. Account, \$3,400.						
Awarded Feb. 12, 1902, to Z. M. Derrick and M. Wygant; liability, \$200. Approved by surveyor-general Sept. 12, 1903. Account, \$200.						
Awarded May 5, 1902, to Homer D. Angell; liability, \$2,700. Approved by surveyor-general Feb. 17, 1904. Account, \$2,700.						
Awarded May 5, 1902, to Chas. L. Campbell; liability, \$2,500. Approved by surveyor-general Dec. 11, 1903. Account, \$2,500.						
Awarded June 9, 1903, to Chas. E. Moore, deputy surveyor; liability, \$100. Approved by surveyor-general June 22, 1904. Account, \$35.18.						

^a Exteriors surveyed only.^b Special instructions.

Total liability.....	\$13,400.00
Total approved account.....	13,250.36
Total acres surveyed under above contracts.....	540,975.09
Total mileage.....	1,860 miles, 10 chains, and 40 links

FUNDS FROM WHICH THE ABOVE CONTRACTS ARE PAYABLE.

No.	Payable from—
730	Appropriation for surveys and resurveys for fiscal year ended June 30, 1901.
739	Appropriation for surveys and resurveys for fiscal year ended June 30, 1902.
742	Do.
746	Do.
747	Do.
(a)	Appropriation for surveys and resurveys for fiscal year ended June 30, 1903.

^a Special instructions, dated June 9, 1903.

D.—Statement showing contracts for public-land surveys accepted and approved by the Commissioner of the General Land Office during the fiscal year ended June 30, 1904.

No.	Extent of survey.						Contract data.
	Location.		Mileage.			Acreage.	
	T.	R.					
729	33 S.	7 W.	M. C. L. 21 49 61			6,825.61	Awarded Dec. 24, 1900, to Oscar F. Thiel, deputy surveyor. Accepted by Commissioner Apr. 30, 1904. (T. 32 S., R. 5 W., included in this contract, suspended by Commissioner by letter of same date.)
732	37 S. 35 S. 35 S. 35 S. 34 S. 34 S. 37 S. 37 S. 37 S. 38 S. 38 S. 31 S.	7 E. 26 E. 28 E. 29 E. 30 E. 28 E. 29 E. 30 E. 31 E. 30 E. 31 E. 7½ E.	11 13 65 29 15 1 72 78 47 65 70 98 60 3 60 65 73 10 59 70 69 70 35 80 67 48 70 71 78 10 72 18 58 71 64 46 79 48 49			3,242.97 11,612.21 23,038.44 22,968.08 23,067.40 22,979.52 22,953.83 23,225.00 23,310.00 23,022.09 23,177.73 22,919.62 22,938.81	Awarded Mar. 16, 1901, to Rufus S. Moore and Malcolm S. McCown, deputy surveyors. Accepted by Commissioner June 26, 1903. (Notice of acceptance of returns under this contract was not received in time to include same in last report.)
738	7 S. 10 S. 22 S.	11 W. 11 W. 4 W.	13 10 68 20 7 19 4 0 31			2,978.95 6,423.91 1,581.57	
(a)							
741	2 N. 3 N. 3 N.	50 E. 50 E. 49 E.	40 71 16 60 71 16 84 30 77			7,301.70 17,527.55 22,561.56	Awarded Aug. 15, 1901, to Oscar F. Thiel, deputy surveyor. Accepted by Commissioner Apr. 21, 1904.
742	10 S.	9 W.	11 74 81			4,572.32	Awarded Feb. 12, 1902, to Alonzo and Le Roy Gesner, deputy surveyors. Accepted by Commissioner Apr. 14, 1904.
747	5 N. 32 S. 25 S.	45 E. 2 W. 9 W.	40 1 56 73 35 68 59 78 37			15,322.24 23,919.97 21,692.19	Awarded Feb. 12, 1902, to Z. M. Derrick and M. Wygant, deputy surveyors. Accepted by Commissioner Jan. 27, 1904.
749	19 S. 20 S. 20 S. 20 S. 21 S. 21 S. 22 S. 22 S. 23 S.	2 E. 1 E. 2 E. 3 E. 2 E. 4 E. 3 E. 4 E. 2 E.	7 40 66 13 72 45 51 14 17 17 27 86 14 25 37 11 20 30 46 29 74 15 20 72 2 20 0			2,800.00 7,114.44 14,701.97 5,050.80 5,187.74 4,000.00 12,472.48 4,960.00 1,121.08	Awarded May 5, 1902, to Chas. L. Campbell, deputy surveyor. Accepted by Commissioner Apr. 21, 1904.
	23 S.	3 E.	50 59 63			15,103.98	
			1,459 21 82			471,674.75	Awarded July 22, 1902, to Andrew L. Porter, deputy surveyor. Accepted by Commissioner Oct. 26, 1903.

a Special instructions.

E.—Statement showing contracts for public-land surveys outstanding or undisposed of at the close of the fiscal year ended June 30, 1904.

No.	Date.	Name of deputy surveyor.	Liability.	Fund from which payable.	Status of contracts.
674	1897. May 13	Robt. H. Waln, & Wm. M. Bushey, compassman.	\$1,100	Appropriation for survey and resurvey of public lands for fiscal year ended June 30, 1897.	Returns of compassman filed. Plats partly made. Two books of notes to be transcribed.
675	do	Wm. P. Smith	900	do	No returns of corrected surveys have been received.
700	1899. Feb. 9	John W. Kimbrell	750	Appropriation for surveys and resurveys for fiscal year ended June 30, 1899.	Returns of new survey filed, platted, and transcribed. Some minor errors to be corrected.
716	Dec. 26	Alonzo Gesner	400	Special deposits by the Oregon and California R. R. Co.	No returns of corrected surveys have been received.
728	1900. Dec. 20	George S. Pershin	2,050	do	Special instructions issued to Wm. H. Bell, compassman, to make corrections in the field June 23, 1904.

E.—Statement showing contracts for public-land surveys outstanding or undisposed of at the close of the fiscal year ended June 30, 1904—Continued.

No.	Date.	Name of deputy surveyor.	Liability.	Fund from which payable.	Status of contracts.
729	1900. Dec. 24	O. F. Thiel	\$600	Special deposits by the Oregon and California R. R. Co.	Returns of T. 33 S., R. 7 W., accepted by General Land Office. Corrections required for T. 32 S., R. 5 W.
736	1901. May 25	Alonzo and F. X. Gesner.	1,150	Appropriation for survey and resurvey of public lands for fiscal year ended June 30, 1901.	No returns of surveys have been received.
740	1902. Feb. 12	Alonzo and F. X. Gesner.	1,475	Appropriation for survey and resurvey of public lands for fiscal year ended June 30, 1902.	Returns of T. 3 S., 6 E. transmitted to General Land Office. No returns for T. 7 S., R. 8 W. have been received.
743	...do....	R. A. Emmitt	1,600	....do....	Returns received; platted; 5 books of notes to be transcribed.
744	Apr. 16	R. S. Moore	3,500	....do....	Returns received, platted, and transcribed. Some data required from deputy.
745	May 1	W. H. Byars	1,000	....do....	Returns received; platted in part; 5 books of notes to be transcribed.
748	May 23	G. Klaetsch and B. F. Minton.	2,600	....do....	Returns received, platted, and transcribed. Some data required from deputies.
752	Sept. 16	George S. Nickerson....	300	Appropriation for survey and resurvey of public lands for fiscal year ended June 30, 1903.	Returns received; partly platted; 2 books of notes to be transcribed.
(a)	1903. June 11	Alonzo and F. X. Gesner.	210	....do....	No returns of surveys have been received.
753	1904. Apr. 15	Ray L. Stout	250	Appropriation for survey and resurvey of public lands for fiscal year ended June 30, 1904.	Deputy in the field.
754	...do....	R. A. Emmitt	400	....do....	Do.
(a)	June 8	Fred Mensch	100	....do....	Do.
755	June 11	A. A. Morrill	1,325	....do....	Approved by Commissioner June 25; notice received June 30, 1904.
756	June 13	E. F. Sharp	850	....do....	Not yet approved by Commissioner.

^aSpecial instructions.

Total liability.....	\$20,56
Total liability fiscal year ended June 30, 1904.....	2,92

F.—Office work on mineral surveys during fiscal year ended June 30, 1904.

Mineral surveys ordered, embracing 152 lodes, 1 placer, and 3 examinations and reports on placers	55
Amended surveys ordered	2
Total	57
Amended orders for surveys issued	13
Lode surveys approved, platted, and delivered	35
Placer surveys approved, platted, and delivered	1
Examinations and reports on placers	3
Amended surveys approved, platted, and delivered	2
Whole number of surveys approved, platted, and delivered (embracing 155 locations)	41

Number of district mining sheets made (Nos. 1-56, inclusive)	56
Number of plats made	151
Transcript of supplemental reports and lode lines	4
Number of pages of field notes copied	1, 590
Plats compared with transcripts	38
Mineral plats compared and examined	151
Transcripts compared with returns	41
Diagram plats of fractional lots around mining claims (19 made in triplicate) ..	57
Number of pages copied of location notices for deputies	200
Number of surveys on hand returned for amendments	6

G.—Statement of mineral surveys approved and delivered during fiscal year ended June 30, 1904.

No.	Name of claim.	Claimant.	Approved—
419	Stockton consolidated quartz claim.....	Stockton Gold and Copper Mining Co..	July 24, 1903
527a	Old Tuck placer claim	German J. Tucker	Aug. 14, 1903
507	Fargo group of quartz claims No. 2	Fargo Gold and Copper Mining Co.	Aug. 24, 1903
532a	Excelsior placer mining claim	The Sanger Gold Mines Co.	Aug. 26, 1903
533a	New York Bar placer mining claim	do	Do.
531	Consolidated lode mining claim	The Waldo Smelting and Mining Co.	Sept. 5, 1903
469	Fargo group of quartz claims	Fargo Gold and Copper Mining Co.	Oct. 24, 1903
494	Anniversary consolidated quartz mining claim	Eastern Oregon Mining Co.	Nov. 12, 1903
502	North Star No. 2 quartz claim	do	Do.
540	Daines group of quartz claims	Daines Mining and Milling Co.	Nov. 17, 1903
543	Gray Eagle consolidated quartz claim ..	J. H. Pearson, J. A. & A. J. Vaughn and Robt. A. Wilkinson.	Dec. 3, 1903
551	Cordell consolidated quartz mine	M. A. Baisley	Dec. 11, 1903
510	Carbonate consolidated quartz claim	The Bright Carbonate Mining Co.	Jan. 5, 1904
561	Brooklyn quartz mining claim	Jas. Dumphry & H. C. Armstrong	Jan. 7, 1904
539	Fortune group of quartz claims	Fortune Mining and Smelting Co.	Jan. 14, 1904
519	Lakeview consolidated quartz claim	Mother Lode Gold Mines Co.	Jan. 15, 1904
542	Aurora quartz mining claim	Ira Lemon & J. M. Warren	Jan. 16, 1904
499	Antlers lode mining claim	Mrs. Kate L. Yantis	Jan. 25, 1904
535	Gold standard consolidated quartz claim	The Octo Gold Co.	Jan. 29, 1904
462b	Fractional chance lode	Red Jacket Mining Co.	Feb. 11, 1904
541	Snow creek mine	Fred D. Smith	Feb. 26, 1904
563	Eureka quartz mine	Charles M. Chapin	Mar. 8, 1904
560	Repete lode mining claim	The Greenhorn Townsite and Development Co.	Mar. 12, 1904
569	Shorty and Hope consolidated mining claim ..	The Shorty and Hope Mining and Milling Co.	Mar. 19, 1904
548	Colin Pierce quartz mining claim	Richard Baird	Mar. 25, 1904
547	Diadem mine	The Diadem Gold Mining Co.	Mar. 29, 1904
552	Ophir consolidated Quartz claim	W. M. Griffin	Apr. 9, 1904
536	Evening group	J. E. McCauley	Apr. 14, 1904
554	Hidden Treasure consolidated mine	Hidden Treasure Gold Mining Co.	May 7, 1904
564	Alpine consolidated gold mines	The Alpine Consolidated Gold Mines Co.	May 26, 1904
506	La Bernaise placer mine	Alfred Casaubon	May 27, 1904
566	Moulton consolidated mining claim	Thos. S. Evans, Jno. Wilkinson and Jno. Slinger	June 7, 1904
546	Phoenix consolidated quartz mine	Chas. M. Chapin	June 11, 1904
577	Granite Hill quartz mining claim	R. A. Booth	June 16, 1904
578	Red Jacket quartz mining claim	do	June 17, 1904
481b	Red Fox lode	Mammoth Gold Mining Co.	June 20, 1904
579	Jumbo quartz mining claim	R. A. Booth	June 24, 1904
580	High tariff quartz mining claim	do	June 25, 1904
550	Fraction quartz mineral claim	Chas. G. Laybourn	June 27, 1904
525	Morning Star quartz claim	C. F. Howe	June 28, 1904
528	Gold-Bug Grizzly consolidated quartz claim ..	Gold-Bug Grizzly Mining Co.	June 29, 1904

a Examination and report.

b Amended survey.

H.—Statement of original mineral surveys before the Office June 30, 1904.

	Number.	Locations.
Under examination or returned for correction	8	31
Filed, but not yet taken up for examination	7	13
Orders issued but surveys not filed during fiscal year ended June 30, 1904	11	38
Outstanding orders issued prior to fiscal year ended June 30, 1903	4	13
Total	30	95

REPORT OF COMMISSIONER OF GENERAL LAND OFFICE. 395

I.—Statement showing funds at the disposal of Office and disbursements made during fiscal year ended June 30, 1904.

ACCOUNT SALARIES OF SURVEYOR-GENERAL AND HIS CLERKS.

Appropriation		\$9, 250. 00
Paid surveyor-general	\$2, 000. 00	
Paid clerks	7, 250. 00	
		<u>9, 250. 00</u>

ACCOUNT CONTINGENT EXPENSES.

Appropriation		\$1, 000. 00
Paid Department of the Interior for printing, stationery, etc..	\$252. 54	
Paid incidentals.....	496. 03	
		<u>748. 57</u>
Balance refunded United States Treasury June 30, 1904		251. 43
Total		<u>1, 000. 00</u>

ACCOUNT DEPOSITS BY INDIVIDUALS.

July 1, 1903, available balance (see note below)		\$4, 832. 24
Deposits for office work, mineral claims:		
July, 1903	\$410. 00	
August, 1903	1, 030. 00	
September, 1903	1, 110. 00	
October, 1903	825. 00	
November, 1903	285. 00	
December, 1903	195. 00	
January, 1904	150. 00	
March, 1904	10. 00	
April, 1904	355. 00	
June, 1904	220. 00	
Total deposits for fiscal year		<u>4, 590. 00</u>
		9, 422. 24
Paid clerks	3, 518. 75	
Paid for printing, binding, and other incidentals	234. 65	
		<u>3, 753. 40</u>
		5, 668. 84

NOTE.—In my last report there was reported an available balance on July 1, 1902, of \$4,743.08. There was at that time in the United States depository, Portland, Oreg., \$327.30 which was not reported. This amount, with other amounts in said fund, was returned to the United States Treasurer with my predecessor's report of April 10, 1903. This is to explain the balance on hand July 1, 1903.

REPORT OF THE SURVEYOR-GENERAL OF SOUTH DAKOTA.

OFFICE OF THE UNITED STATES SURVEYOR-GENERAL,
Huron, S. Dak., July 5, 1904.

SIR: In compliance with your circular letter E, dated April 21, 1904, I have the honor to submit the following report (in duplicate) of surveying operations in the surveying district of South Dakota for the fiscal year ending June 30, 1904, with three tabular statements, viz:

Exhibit A.—Showing contracts entered into on account of appropriation of \$22,000 for surveys within the Pine Ridge and Standing Rock Indian reservations, S. Dak., for the fiscal year ending June 30, 1903.

Exhibit B.—Showing contracts entered into on account of appropriation for surveys and resurveys of public lands for the fiscal year ending June 30, 1904.

Exhibit C.—Showing office work and other information relative to mineral surveys during the fiscal year ending June 30, 1904.

No contracts were entered into for survey of public lands under the provisions of Revised Statutes 2401, 2402, 2403, and acts amendatory, and no deposits were made for such surveys or by railroad companies for surveys.

Since my last annual report the applications of the following-named persons for "metes and bounds" surveys of homesteads within the Black Hills Forest Reserve, S. Dak., under the provisions of the act of March 3, 1899 (30 Stat., 1095), have been approved by your Office, surveys authorized, and returns transmitted, namely:

Warren R. Bond, sec. 26, T. 4 S., R. 4 E., Black Hills meridian.

Matthew S. Daly, sec. 23, T. 3 S., R. 4 E., Black Hills meridian.

Morse Griffiths, secs. 23, 24, 25, 26, T. 4 S., R. 3 E., Black Hills meridian.

Ole Green, secs. 7 and 18, T. 2 N., R. 3 E., Black Hills meridian.

James Henderson, secs. 1, 2, 12, T. 3 S., R. 3 E., Black Hills meridian.

Bruce O. Ilsley, secs. 12, 13, 14, T. 3 S., R. 3 E., Black Hills meridian.

Frank G. Nissen, sec. 20, T. 2 N., R. 5 E., Black Hills meridian.

Ferdinand Kleemann, secs. 7, 17, 18, T. 2 N., R. 3 E., Black Hills meridian.

Robert Oettershagen, sec. 23, T. 2 S., R. 6 E., Black Hills meridian.

Thure Swanson, secs. 35, 36, T. 1 S., R. 6 E., Black Hills meridian.

The following surveys have been authorized and are in course of execution by the deputies:

Thomas Bellemare, secs. 14, 23, 24, T. 4 S., R. 5 E., Black Hills meridian.

James S. Houseman, sec. 15, T. 4 S., R. 4 E., Black Hills meridian.

James E. Hawks, sec. 27, T. 1 S., R. 1 E., Black Hills meridian.

Arthur Harvey, secs. 2, 3, T. 1 N., R. 5 E., Black Hills meridian.

William Nevin, sec. 5, T. 4 S., R. 4 E., Black Hills meridian.

Patrick Wright, guardian, secs. 8, 17, T. 3 S., R. 4 E., Black Hills meridian.

The following applications are now being considered by this office:

William Vestal, sec. 31, T. 2 S., R. 4 E., Black Hills meridian.

William Vestal, secs. 5, 6, 7, 8, T. 3 S., R. 4 E., Black Hills meridian.

R. E. Cable, secs. 2, 3, T. 1 N., R. 5 E., Black Hills meridian.

Harry Sanders, sec. 24, T. 2 N., R. 4 E., Black Hills meridian.

Several applications have been received and will be submitted as soon as the regular subdivisional surveys necessarily antecedent to such applications have been extended.

The deposits during the fiscal year for office work on mineral surveys aggregate \$8,030.

The aggregate number of miles of surveys upon which office work was completed, approved, and returns thereof transmitted to your Office during the fiscal year is 2,995 miles, 43 chains, and 48 links. In addition to this amount, and not included therein, office work has been done to an extent represented by 1,200 miles of surveys. No portion of this is quite ready, some transcribing, comparing, and formalities being still required.

During the year returns have been approved of 54 townships and 104 original and amended mineral surveys. These have required the preparation of 10 diagrams, 162 plats of subdivisions, 134 transcripts of field notes of surveys, and 407 plats of mineral surveys. To properly represent the work for the fiscal year there should be added

the office work practically completed on the 1,200 miles of surveys above mentioned. As stated in last year's report, considerable time has been spent in continuing the preparation of township diagrams on a large scale for the purpose of showing in a connected scheme all mining surveys as they are approved from time to time. These important diagrams have been rendered necessary by the extension of the mineral surveys and by a recent establishment of township exteriors and subdivisinal surveys embracing the major portion of the mineral region of the Black Hills.

In addition to the usual work on surveys and general office work, much time is occupied in furnishing information to the public. This class of service increases from year to year, as survey evidences on the ground become obliterated and require to be restored. There has also been quite a considerable amount of correspondence relative to that portion of the Rosebud Indian Reservation in Gregory County, S. Dak., soon to be opened for settlement.

As in recent years so in the year now closed, a large amount of Indian reservation surveys in this State has been confided to this office. In connection with these, the preparation of contracts, special instructions, diagrams, and other information for deputies, also the critical examination of returns and a general superintendence of the work of clerks engaged on such surveys, have of necessity devolved upon the regular experienced office force and have occupied no inconsiderable portion of its time.

In the reports for several years attention has been directed to the desirability of examinations in the field of mineral surveys, and I would respectfully repeat the recommendations then made as in the best interests of the service.

Reference has also been made to the current practice of charging a portion of the expense incident to mineral surveys to the appropriation for "special deposits," while other such expenses are chargeable to the regular "contingent" appropriation, and it has been suggested that all such expenditures should be chargeable to the "deposits" appropriation, to which I again respectfully ask attention.

The prompt field inspection accorded by your Office to the regular surveys in this State has been fully appreciated by this office, and also by the deputies under its direction.

Very respectfully submitted.

FRANK A. NORRIS,

United States Surveyor-General of South Dakota.

THE COMMISSIONER OF THE GENERAL LAND OFFICE,

Washington, D. C.

EXHIBIT A.—*Statement showing contracts entered into on account of appropriation of \$22,000 for surveys within the Pine Ridge and Standing Rock Indian reservations, S. Dak., for the fiscal year ending June 30, 1903.*

Contract No. 157, dated April 18, 1904, Orville H. Southmayd, United States deputy surveyor.

Character and location of work: The south boundary of T. 43 N., Rs. 35, 36, 37, 38, and of T. 44 N., R. 36; the east and west boundaries of T. 43 N., R. 37; the subdivision and meander lines of T. 42 N., Rs. 35, 36, 37, 38, and of T. 43 N., Rs. 35, 36, 37, 38, 39, 40, and of T. 44 N., R. 36, all west of the sixth principal meridian and within the Pine Ridge Indian Reservation, S. Dak.; also such resurveys and retracements as may be found necessary subject to the circular of June 15, 1898, and the decision of said Commissioner; provided that surveys, resurveys, and retracements shall not be made under this agreement in excess of \$4,500.

Estimated liability, \$4,500.

EXHIBIT B.—*Statement showing contracts entered into on account of appropriation for surveys and resurveys of public lands for the fiscal year ending June 30, 1904.*

Contract No. 158, dated April 30, 1904, George W. Bates, United States deputy surveyor.

Character and location of work: The completion of the survey of the unsurveyed portions of the north boundary of T. 34 N., through Rs. 44 and 45, and of the subdivision and meander lines of the unsurveyed portions of Tps. 34 and 35 N., Rs. 44 and 45, all west of the sixth principal meridian in Nebraska; also such resurveys and retracements as may be found necessary subject to the circular of June 15, 1898, and the decision of said Commissioner; provided that surveys, resurveys, and retracements shall not be made under this agreement in excess of \$1,000.

Estimated liability, \$1,000.

EXHIBIT C.—Office work on mineral surveys during fiscal year ending June 30, 1904.

Mineral surveys ordered, embracing 368 lodes and 3 placers	83
Amended surveys ordered	2
Total	85
Amended orders for mineral surveys issued	16
Lode surveys approved, platted, and delivered	99
Placer surveys approved, platted, and delivered	2
Amended surveys approved, platted, and delivered	3
Whole number of surveys approved, platted, and delivered (embracing 457 locations)	104
Number of plats made	407
Transcripts of field notes (embracing 457 locations and amended surveys)	102
Transcript field notes of supplemental reports relative to expenditures, etc. . .	4
Number of surveys in office for examination, platting, and transcribing.	5
Number of deputy mineral surveyors in commission	18
Aggregate amount deposited for office work	\$8,030

Surveys approved and delivered during fiscal year ending June 30, 1904.

No.	Name of claim.	Claimant.	Approved.
1647	Jackson-Top Sheaf lode	Harney Peak Tin Mining, Milling and Manufacturing Co.	1903. July 17
1710	May Queen lode	Michael Kerwin	Do.
1714	Sarpy No. 2 lode	Columbus Mining Co.	Do.
1720	Eureka Fraction, Bonnie Fraction, Big Nellie, Little Nellie, Niagara No. 2, Niagara, and Summit lodes.	Mrs. J. H. C. Porth	Do.
1723	Iron Ridge, Red Gulch, and Lime Gulch lodes.	Matt Plunkett, Andy Thompson, and Robert N. Ogden.	Do.
1734	Moberg Nos. 3 and 2, Gold Chest No. 1, and Gold Chest lodes.	Fred Pennington	Do.
1748	St. John, St. John Nos. 1, 2, 3, 4, 5, 6, and Fen- nia No. 1 lodes.	John Neamy	Do.
1752	Servia, Lincoln, and Belgrade lodes	Charles Sasilo and Peter Stanko- vitch.	Do.
1760	Dump lode	Peter N. Hanson	Do.
1716	Nebraska, Little Grace, Crow Chief, and Gard- ner Fraction lodes.	John Vieregg and William A. Hagge.	July 31
1745	Rockefeller and Rockefeller Nos. 1, 2, and 3 lodes.	John Little	Do.
1753	Snow Bird, Wild Goose, Hartford Fraction, Hartford Fraction No. 2, Divide No. 5A, and Dubble Triangle lodes.	Frank Miljan	Do.
1756	Alaska Fraction lode	Portland Mining Co.	Do.
1758	Red, Monday, Red Coat, Truro, and Lillah Fraction lodes.	Martin Sands	Do.
1762	Mickey Free lode	Robert F. Tackabury, Frank Bottorf, and the heirs of Edward Harvey.	Do.
1763	Koth Fraction and Bellville lodes	Jacob Koth	Do.
1724	Turtle and Turtle No. 1 lodes	J. F. Wright and P. F. McMahon, and James Bothwell.	Aug. 10
1730	Myrtle Nos. 1, 3, 4, 6, 8, 9, 11, 12, 13, and 14 lodes ..	Myrtle Mining and Milling Co.	Do.
1739	Ethel Nos. 2 and 3, Hidden Treasure Nos. 3, 2, 1, My Home, Hidden Treasure Nos. 5 and 6, Hidden Treasure, Iris Fraction, Iris No. 1, and Iris lodes.	Hidden Treasure Gold Mining and Milling Co.	Do.
1742	Puritan No. 3, Bluff Nos. 1, 2, 3, Puritan No. 13, Potsdam, Puritan No. 2, Puritan, Puritan Fraction, Blaine Fraction, Blaine, Puritan Nos. 10, 8, 11, Lee, Lee Nos. 3, 2, Puritan No. 6, Lee Nos. 9, 4, 5, 6, 8, and 7 lodes.	William L. McLaughlin	Do.
1761	Golden Gate Fraction lode	Homestake Mining Co	Do.
1767	California and St. John lodes	James W. Curran et al.	Do.
1755	Grand Eastern, Mary Hammer, Pewabic, Shan- non, and Maple lodes.	Marten Johansen	Aug. 21
1759	Burghi and Burghi No. 1 lodes	James Julius and Reese R. Morgan...	Do.
1709	Bombridge, Granite Mountain Fraction, and Dague Nos. 1 and 2 lodes.	A. B. Warriner	Aug. 27
1728	Magdalena Fraction, Ranger No. 2, Ranger, Apex, and Echo lodes.	Tykoon Mining Co. et al	Do.
1747	Maine, Maine Fraction, and Maine Fraction No. 2 lodes.	William W. Torrence and Joseph Schwartz.	Do.
1751	Lucky and Hibernia lodes	Jacob Komar and Peter Stanko- vitch.	Do.

Surveys approved and delivered during fiscal year ending June 30, 1964—Continued.

No.	Name of claim.	Claimant.	Ap- proved.
1764	Jay Bird No. 1, Retribution No. 1, Fraction, Retribution, M. E. R., and M. E. R. No. 1 Fraction lode.	Samuel Tresona	1903. Aug. 27
1765	Sunshine lode	George G. Allison et al.	Do.
1766	Wasp and Kickapoo Fraction lodes	John R. Russell	Do.
1770	Rainy Day, Comet, Houston, Houston Nos. 1, 3, and 5, and Cyril lodes.	Magnus L. Magnusson	Do.
1698	Central City, and Central City Nos. 1 and 2 lodes.	G. J. Barss and John Little	Sept. 16
1771	Curran Nos. 5, 6, Curran, Curran Nos. 1, 2, 3, 4, Dewey Nos. 6, 5, 4, 3, 2, 1, Dewey, Dewey Nos. 12, 11, 9, 10, 7, 8, General Miles, General Custer, General Custer Nos. 1, 3, 5, 7, and 8 lodes.	James W. Curran	Do.
1779	Jack Pot Fraction lode	E. M. Thompson	Do.
1783	Fortuna lode	James Halloran	Do.
1740	Deadwood and General Terry lodes	Frank Lewis	Oct. 16
1744	Angusta No. 1, Golden Bluff No. 2, Rochester Nos. 2, 3, 4, and Queen lodes.	William W. Torrence and Joseph Schwartz.	Do.
1746	Garrison and Garrison No. 2 lodes	John Little	Do.
1754	Matland Fraction, Eagle Nos. 6, 5, White Horse, Eagle Fraction, Eagle No. 7, Burns, Eagle No. 4, Eagle, Eagle Nos. 1, 2, 3, Eagle Extension, Ranter, Ranter Nos. 1, 3, 2, and George Fraction lodes.	Jeremiah T. Harrington	Do.
1757	Llewellen, Richland, Shelby, Crestline, Connecting Link, Blue Hill, Trinity, and Pine Tree lodes.	Trinity Gold Mining Co.	Do.
1769	Edmonia lode	Henry Frawley	Do.
1782	Marco Polo, Bald Hill, Saturday, and April lodes.	M. E. Bullock	Do.
1786	Aeme lode	Louis Meisel	Do.
1787	Commercial No. 3, New York, Boston No. 8, Union No. 1, Boston Nos. 3, 2, Union No. 2, Union, Union Nos. 3, 5, Washington No. 3, Union No. 7, Washington Nos. 2, 4, Commercial No. 2, Commercial, Boston, Boston Nos. 6, 5, Baltie, Atlantic, Atlantic No. 2, Pine Nos. 9, 10, 8, 1, Niagara No. 1, Hercules, Pine Nos. 2, 4, 6, and 7 lodes.	Milton C. Connors and George G. Connors.	Oct. 21
1768	Foran lode	Henry Frawley, Peter A. Gushurst, William P. Powers.	Oct. 24
1776	Grand View Fraction, Grand View, Grand View Nos. 1, 2, Dandy No. 1, Union Fraction, Dandy Fraction, Union, Dandy, Yeddo, Yeddo No. 1, Bath, and Bath No. 1 Fraction lodes.	John Treber, Edmund Grosfield, and Golden Empire Mining Co.	Do.
1788	Small lode	Louis Meisel	Do.
1796	Surething, and Boston Nos. 1 and 2 lodes	James Cusick	Do.
1773	Golden Sunset, Bonanza, and Deadbeat Fraction lodes.	Samuel Tresona	Oct. 27
1789	Meteor Extension, Meteor, and Annie Tobin Fraction lodes.	William Northey	Do.
1791	Cameo Nos. 8, 6, 4, 2, Po. River, York, and San Antonio Fraction lodes.	John R. Russell	Do.
1790	Calumet, Laborn No. 1, Russell, Remo, and Hoeter lodes.	Dennis Quinn	Nov. 17
1792	Mareoni No. 2 lode	Jacob J. Baber et al.	Do.
1794	Clondyke Nos. 1 and 3 lodes	John E. Moberg	Do.
1795	Vickter and Point lodes	Henry Rosenkranz	Do.
1798	Imperial Nos. 3, 2, Richard Nos. 1, 2, and 3 lodes.	P. J. Neiswanger	Do.
1799	Lead City Nos. 1, 3, 5, 7, and 8 lodes	Queen of the Hills Gold Mining and Milling Co.	Do.
1778	Crest lode	John Treber, Edmund Grosfield, and Golden Empire Mining Co.	Nov. 28
1731	Shamrock, Shamrock Fraction, Shamrock Nos. 1, 2, 7, 6, 5, 3, Berlin No. 3, Tom Boy Nos. 2, 1, Tom Boy, Berlin No. 1, Shamrock No. 4, Dora Nos. 4, 3, 1, Dora, Dora No. 2, Berlin No. 4, Flying V, Liberty, Stemwinder, and Elk Creek Fraction lodes.	John Little	Dec. 18
1777	Hamburg lode	John Treber, Edmund Grosfield, and Golden Empire Mining Co.	Do.
1780	Gold Eagle Nos. 5, 3, 2, 1, Gold Eagle, Gold Eagle Nos. 4, 6, Gold Eagle Fraction, Record, Herald, and Baltimore lodes.	Gold Eagle Mining Co.	Do.
1781	Fortune Fraction lode	Magnus L. Magnusson	Do.
1793	Little Blue Fraction lode	Alder Creek Gold Mining Co. (Limited).	Do.
1797	Minneapolis, Bangor, and Bangor Fraction lodes.	Walter R. Morison	Do.

400 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

Surveys approved and delivered during fiscal year ending June 30, 1904—Continued.

No.	Name of claim.	Claimant.	Ap- proved.
1805	Berta and Quirt lodes	Columbus Consolidated Gold Min- ing Co.	1903. Dec. 18
1808	Atlantic Nos. 1, 2; Bee; Dewey; Last Chance Nos. 3, 4, 5; Sport; Dan Pache; Robert Emmet; Sigsbee; Sig-see Fraction; Jolly; Jolly No. 1; Anne Redshirt; Blue Wings; Smuggler Fra- ction; Nigger; Little Sioux, and Big Sioux lodes.	Charles Leissnering..... John Viereggs..... Alder Creek Gold Mining Co. (Limited)	Do. Dec. 31 Do.
1772	Dump and Pansy lodes.....	John Barth.....	Do.
1785	Henry Tin lode		
1775	Connecting; Morning; Last Chance; Last Chance Nos. 1, 2; Bee; Dewey; Last Chance Nos. 3, 4, 5; Sport; Dan Pache; Robert Emmet; Sigsbee; Sig-see Fraction; Jolly; Jolly No. 1; Anne Redshirt; Blue Wings; Smuggler Fra- ction; Nigger; Little Sioux, and Big Sioux lodes.	James W. Curran and Ole Danielson.	1904. Jan. 13
1801	Mitchel, Mitchell Nos. 2 and 3, and Chicago lodes.	John E. Moberg	Jan. 30
1802	Revenue lode	Revenue Mining Co.....	Do.
1803	Texana, Eagle, Eagle Fraction, Bayou, Georgia Fraction, Meteor, and Rocket lodes.	John Harrop	Do.
1806	Boggi lode	Columbus Consolidated Gold Mining Co.	Do.
1813	Dunaskin Nos. 1 and 2 lodes	J. G. Larmer	Do.
1816	Isis No. 1, Plug Cut, Hillside, Sampson, and C. Benedict Nos. 2, 3, 4, 5, 6, and 7 lodes.	Golden West Mining Co.....	Do.
1822	Hattie, Bessie, Tan, Geneva, Cross No. 1, and Dixie lodes.	Tenderfoot Hill Consolidated Mining Co.	Do.
1562	Gotland Fraction, Gottland, August, Equator, and Waller lodes.	J. P. Nelson	Feb. 23
1774	Denver placer	Elmer Verly et al	Do.
1818	Canton No. 1, Canton, Canton Nos. 2, 3, and 4 lodes.	Canton Mining Co.....	Do.
1823	Rubber No. 13 lode	Sunbeam Mining, Milling, and Man- ufacturing Co.	Do.
1827	Francis A. lode	Frank Murphy	Do.
1830	Ohio Fraction lode	Alexander Maitland	Do.
1814	Twin Mine and Blue Bird lodes.....	James O'Connell	Feb. 25
1825	Mary, Big Falls Fraction, and Two Johns lodes.	Paul Demartini	Do.
1784	Spodumene lode	W. Edward Christiernson	Mar. 7
1607	Sheldon placer	Frank Himebaugh and Lou Hime- baugh.	Mar. 16
1804	Alderton No. 1 lode	Mary Lawrenson	Do.
1800	Eagle lode	Columbus Consolidated Gold Mining Co.	Apr. 4
1811	Mitchell lode	John Walsh, jr	Do.
1828	Ethel W. No. 1, Ethel W. Fraction No. 3, Lillie No. 1, and Lillie M. lodes.	Frank Murphy and John J. Murphy..	Do.
1831	Areadia lode	Edwin Henderson and Robert L. Baillie.	Do.
1835	White Fawn, Buller, Three V., and Henninger No. 1 lodes.	William Northey	Do.
1824	Stemwinder lode	Edward Manion and James McLeod..	May 2
1829	Edmond Nos. 1, 3, Clara Nos. 4, 3, 1, Eagle Bird Fraction, and Eagle Bird Nos. 3 and 1 lodes.	Fred Pennington	Do.
1833	Monitor and Monitor No. 1 lodes	George W. Clark	Do.
1840	Saratoga, Vanderbilt, Telephone, and Gray Eagle lodes.	Clara D. Coe and Sarah D. Coe.....	Do.
1844	Rochester lode	Michael R. Russell.....	June 22
1845	Whangdoodle Nos. 1, 2, and 3 lodes	George Godfrey	Do.
1847	Neskoletah and Box Elder Fraction lodes	Harry E. Billings	Do.

AMENDED SURVEYS EXECUTED.

1547	Buckingham lode	Edward Williams and Annie Williams.	1904. Feb. 23
1555	Gumpy Fraction et al. lodes, amended con- necting lines.	Oscar Silver and the heirs of P. L. Gibbs.	Mar. 7
1563	Wrangle No. 4 lode	Charles J. Swanstrom	Mar. 16

REPORT OF THE SURVEYOR-GENERAL OF UTAH.

OFFICE OF UNITED STATES SURVEYOR-GENERAL,
Salt Lake City, Utah, June 30, 1904.

SIR: In compliance with instructions contained in your letter E, dated April 21, 1904, I have the honor to submit, in duplicate, my annual report for the fiscal year ending June 30, 1904, with tabular statements as follows:

A.—Statement showing status of outstanding contracts for public land surveys not disposed of at the beginning of the fiscal year ending June 30, 1904.

B.—Statement showing contracts awarded during the fiscal year ending June 30, 1904; not including those in the Uinta Indian Reservation.

C.—Statement showing contracts awarded for survey of the Uinta Indian Reservation, Utah, during the fiscal year ending June 30, 1904.

D.—Statement showing contracts for public land surveys, examined and approved by the surveyor-general, during fiscal year ending June 30, 1904; not including those in the Uinta Indian Reservation.

E.—Statement showing contracts for public land surveys within the Uinta Indian Reservation, Utah, examined and approved by the surveyor-general, during the fiscal year ending June 30, 1904.

F.—Statement showing contracts for public land surveys accepted and approved by the honorable Commissioner of the General Land Office, during the fiscal year ending June 30, 1904.

G.—Statement showing the status of public land surveys outstanding or undisposed of at the close of the fiscal year ending June 30, 1904; not including contracts within the Uinta Indian Reservation.

H.—Statement showing status of contracts for public land surveys situated within the Uinta Indian Reservation, Utah, outstanding or undisposed of at the close of the fiscal year ending June 30, 1904.

I.—Statement of official orders issued for mineral surveys during the fiscal year ending June 30, 1904, and mineral surveys approved during said fiscal year.

J.—Statement of various accounts for fiscal year ending June 30, 1904.

During said fiscal year the survey of 59 townships, aggregating 37,467 miles 74 chains 58 links, embracing 1,082,221.33 acres, under regular appropriation and deposits by individuals; and 22 townships aggregating 1,126 miles 6 chains 48 links, embracing 326,544.70 acres, out of Indian appropriation, making grand total of 81 townships aggregating 4,873 miles 1 chain 6 links and embracing 1,408,766.01 acres, has been approved and forwarded to Commissioner of the General Land Office for his action, and the following letters, documents, plats, field notes, and other papers have been prepared, briefed, and recorded, viz:

Letters to Commissioner General Land Office.....	367
Letter to the Secretary of the Treasury.....	1
Letters to the Secretary of the Interior.....	7
Letters to the Secretary of Indian Affairs.....	3
Letters to Director Geological Survey.....	4
Miscellaneous letters written.....	1,466
Letters received.....	1,841
Letters indexed.....	3,685
Transcripts of field notes:	
Mineral (4,150 pages).....	193
Township (4,873 pages).....	207
For deputies and examiners in the field (750 pages).....	16
Accounts of deputies (14), made in triplicate.....	42
Diagram plats, with contracts, for General Land Office.....	23
Number of mineral plats.....	772
Number of township plats.....	219

Transcripts of field notes—Continued.

Number of exterior plats.....	20
Number of supplemental plats.....	36
Number of tracings for examiner.....	37
Number of tracings and diagrams for deputies in connection with contracts.....	69
Number of miscellaneous tracings.....	50
Number of diagrams with contracts, for office.....	23
District sheets:	
Number of mining districts at end of fiscal year.....	92
District sheets on hand at beginning of fiscal year.....	218
Old sheets corrected during fiscal year.....	9
New sheets constructed during fiscal year.....	13
Number of district sheets at end of fiscal year.....	231
Tracings district plats at end of fiscal year.....	225
Orders issued for mineral surveys (632 locations).....	232
Number of location notices copied.....	611
Number of applications for extension of time (in triplicate).....	1
Number of plats altered and corrected.....	2
Number of contracts awarded (written in quadruplicate).....	23
Number of special instructions in quintuple (containing 1,505 pages).....	23
Number of vouchers in duplicate.....	205
Number of abstracts in triplicate.....	30
Number of accounts current, in duplicate.....	30
Number of pages property list, in duplicate.....	16
Number of pages miscellaneous typewriting.....	340
Number of sheets of instructions to deputy mineral surveyors.....	510
Number of deputy mineral surveyors July 1, 1903.....	60
Number of deputy mineral surveyors commissioned during fiscal year ending June 30, 1904.....	9
Number of commissions renewed during fiscal year.....	11
Number of commissions expired during fiscal year.....	13
Number in good standing June 30, 1904.....	56

In addition to the foregoing there are 860 typewritten pages of transcripts of field notes, written under contracts, that are now being examined and worked up in this office, and 67 township plats, made and partly made, as follows:

Contract No. 239, P. D. Schoeber, deputy surveyor; notes examined and transcribed; 6 plats made. The deputy having died before the notes were sworn to, the returns can not be transmitted to Washington until the field examiner's report is received.

Contract No. 254, Hubert D. Page and James M. Lentz, deputy surveyors; notes examined and partly transcribed; 48 township plats and 1 plat of exteriors made.

Contract No. 270, A. J. Stewart, jr., and Alfred L. Booth, deputy surveyors; notes partly examined; 11 township plats made and 2 partly made.

UINTA INDIAN RESERVATION.

The act of Congress making appropriation for the survey of the reservation was passed on March 3, 1903.

On April 2, 1903, this office received instructions from the Commissioner of the General Land Office to prepare and submit forms of advertisement inviting proposals for the execution of the proposed surveys; also to submit notices to be issued, posted, and mailed inviting proposals. These were transmitted to the Commissioner on April 3.

On April 21 authority for advertising (in accordance with the notices sent to the Department on April 3, as amended by it) for the survey of the reservation was received; and on June 1 (the required thirty days of posting having elapsed) the bids were opened.

The work of segregating and tabulating the bids and calculating the cost of the survey of each individual township (about 124 townships) from the prices named in the respective bids was immediately commenced.

On June 25 the bids, together with tabulating sheets showing the segregation of the bids, and a diagram showing the proposed grouping and location of the various contracts, were forwarded to the Commissioner for approval, and on July 20 authority to award the contracts, as recommended, was received.

The contracts and special instructions were written up as speedily as possible and

transmitted to the Commissioner for approval, as soon as the deputies had executed the required bonds. The first contract was dated July 20 and the last August 10, with the exception of No. 275, Washington Jenkins, deputy surveyor, which was dated September 23, owing to a change in deputy.

Upon receipt of the approval of the contracts, the first of which reached this office August 19, the deputies, as soon as they could organize their parties, proceeded to the field and worked with the greatest expedition commensurate with good work until driven in by the heavy snows, which fall quite early in the mountainous portions and remain until June. The last party left the field about the middle of November.

Out of the eighteen contracts awarded three have been completed, namely: Harvey D. Heist, No. 266, liability \$3,912; Collier & Rager, No. 269, liability \$4,668, and Stewart & Booth, No. 270, liability \$7,325; making a liability of \$15,905 out of a total liability of \$94,256.

The deputies having the remaining fifteen contracts are, with the exception of two, now in the field, and all will complete their work this year.

The returns of surveys will be filed this fall and coming winter. Some of them will probably not be in until December or January.

This office has done and is doing everything in its power to further the work, both in this office and in the field, and has written to the deputies on several occasions in regard to the necessity for getting in their returns without delay.

MINING SURVEYS.

During said fiscal year there has been deposited for the survey of mining claims the sum of \$15,795, and official orders were issued for the survey of 632 mining claims.

I desire to renew my recommendation made in previous reports with relation to the necessity for the examination of mineral surveys.

The Department of the Interior holds that courses and distances once incorporated into a patent must be recognized in all subsequent conflicting and adjacent surveys, notwithstanding actual conditions on the ground to the contrary. This means a perpetuation of the error, if any exist, in the former patented survey; and the deputy who makes the later survey is compelled to falsify his returns to conform to such error. The courts hold that the monuments and markings on the ground govern. In view of same, it is needless to state how important it is that patents recite properly the lands they intend to cover, and hence the necessity for a field examination to insure the correctness of the survey.

Mining claims should be connected with mineral monuments, as well as with the corners of public surveys, as additional check to insure the correctness of their location.

The looseness with which contract surveys were frequently executed has already given rise to vexatious and expensive litigation as to the precise locus of mining locations in respect to the public surveys, and surveys of valuable mineral ground, executed in strict conformity with the original location notices, vary in an irreconcilable manner, according to what corner of the public surveys the different mineral surveys, covering identical ground, were tied to, or, to repeat the language of the surveyor-general of New Mexico, "The public surveys are frequently so inaccurate that mineral surveys tied to different corners of the same section show conflict when platted where none in fact exist."

I would urge the importance of an appropriation for the restoration of mineral monuments in this district and their proper connections with the public surveys and with each other. A majority of the mineral monuments are on unsurveyed ground, and many official mineral surveys are connected with such monuments. Most of these mineral monuments were established many years ago, without regard to their permanency in construction, and were insufficiently witnessed. Many of them have now become obliterated or destroyed, and as the same are the official points of reference by which to fix the locus of many of the official mineral surveys, it is of great importance that they should be properly perpetuated, and they should be reestablished permanently and witnessed by connecting them with public surveys, with each other, and with natural objects.

In numerous instances where the lines of public surveys were subsequently extended over townships in which mineral monuments previously established were situated, the deputy surveyor failed to make proper connections with such monuments or with the mineral surveys, and therefore it is impossible to show lottings and areas of public land made fractional in such townships by the segregation of such mineral surveys or to fix the locus of the mineral monuments of the mineral surveys. This should

be remedied by the letting of contracts to competent deputies to make such connections as will enable this office to locate the monuments and old mineral surveys, making it feasible to approve new mineral surveys in those localities as well as to show proper lottings and areas.

The services of two competent draftsmen are constantly required in making district mining plats and supplemental township plats made fractional by mineral surveys.

NECESSARY APPROPRIATIONS.

By office letter of June 4, 1904, I transmitted to you (in duplicate) the annual estimates for public surveys in this district, as also for the expenditures of this office for the fiscal year ending June 30, 1906, as follows:

For the survey of public lands.....	\$15,000
For salary of surveyor-general.....	3,000
For salaries, clerical force.....	11,400
For contingent expenses.....	2,090
Total.....	31,490

As stated in said estimates settlers are rapidly locating on the unsurveyed lands in this district and, by reason of new lines of railroads, reservoirs, and other projects, there will be a greater demand for public-land surveys in the near future than there has been in the past. I therefore estimate that fully the amount of \$15,000 will be required for public surveys.

The estimate submitted for salaries is conservative, and will be fully required to meet the demands of good service.

The appropriation of \$1,200 annually made for contingent expenses is insufficient. More than half this amount is paid out for rent and the services of a messenger and the balance is barely sufficient to purchase necessary stationery and plats. Field-note cases and other necessary items needed had to be omitted for lack of sufficient funds.

There is a lack of furniture for the preservation and systematic filing of plats and field notes of surveys. Two additional cabinets for the filing of field notes are now greatly needed.

There is no vault or safe in which to keep secure the books and valuable records, and in case of fire it would take years to replace the same.

The volume of work of this office is steadily increasing, and the appropriations should be correspondingly increased.

Examinations of numerous public surveys made during said fiscal year in this district show the same to have been well and properly executed in most cases.

MISCELLANEOUS.

This office is in a very satisfactory condition.

There is a steady and healthy growth in the State, which was never more prosperous. The opening up of Indian reservations to settlement, new lines of railroads, mining industries, reservoirs, and new enterprises of every kind will increase the population, reclaim the arid lands, bring in and make homes for a large number of settlers who are assured of a good, mild climate and a splendid market for all their products of farm, orchard, and pasture.

There still remains a large area of unsurveyed public domain in this State, approximately one-third, which is being rapidly settled upon and should be surveyed at the earliest practicable date.

Respectfully submitted.

EDWARD H. ANDERSON,
United States Surveyor-General of Utah.

THE COMMISSIONER OF THE GENERAL LAND OFFICE,
Washington, D. C.

EXHIBIT A.—Statement showing status of contracts for public-land surveys outstanding or undisposed of at the beginning of the fiscal year ending June 30, 1904.

No.	Date.	Deputy.	Liability.	Payable from—	Remarks.
216	1897. Oct. 29	Alonzo J. Stookey	\$2,792.00	Regular appropriation, approved June 4, 1897.	Field work completed; returns all filed; office examination com- pleted.
225	1899. Jan. 23	William Lewman	1,890.00	Regular appropriation, approved July 1, 1898.	Field work in progress; no returns filed.
229	Apr. 20	Caleb Tanner	2,200.00	.....do	Returns all filed; office examination complet- ed; plats being made.
231	Apr. 26	Edward Hanson	1,900.00	.....do	Deputy ordered to re- turn to field and make necessary corrections; the Commissioner's letter E, dated Jan. 19, 1903.
239	1900. May 11	P. D. Schoeber	800.00	Regular appropriation, approved Mar. 3, 1899.	Field work completed; no returns filed.
241	1901. Apr. 11	Mayhew H. Dalley	5,000.00	Regular appropriation, approved June 6, 1900.	Field work in progress; no returns filed.
245	Apr. 12	Nephi P. Anderson	1,621.00	.....do	Field work completed; no returns filed; field examination made.
249	Nov. 13	.....do	811.00	Repayments made by the Central Pacific R. R. Co.	Do.
250	1902. Jan. 2	John R. Stewart	3,480.00	Regular appropriation, approved Mar. 3, 1901.	Field work completed; returns filed; office ex- amination made; field examination made.
251	Feb. 12	Harvey D. Heist	4,320.00	.....do	Field work completed; returns filed; field ex- amination made; office examination commenced.
252	May 6	Alonzo J. Stookey	1,035.00	.....do	Field work commenced.
254	Aug. 9	Hubert D. Page and James M. Lentz.	7,300.00	Regular appropriation, approved June 28, 1902.	Field work in progress; returns partly filed.
255	.....do ...	Edgar F. Harmston	1,000.00	.....do	Field work not begun.
257	Sept. 20	Nephi P. Anderson	500.00	.....do	Do.
259	1903. Feb. 12	Harvey D. Heist	3,020.00	.....do	Field work in progress; returns partly filed.
260	.....do ...	Nephi P. Anderson	2,000.00	.....do	Field work not begun.
261	Mar. 18	Andrew P. Hanson	5,000.00	Repayments made by Central Pacific R. R. Co.	Field work in progress.
262	Mar. 23	A. R. Talamantes and John W. Dougall.	4,800.00	.....do	Do.
		Total	49,489.00		

There are 112 full and fractional townships embraced in the above-mentioned contracts.

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EXHIBIT B.—*Statement showing contracts awarded during the fiscal year ending June 30, 1904, not including those in the Uinta Indian Reservation.*

No.	Date.	Deputy.	Liability.	Fund payable from—
263	1903. July 1	Howard J. Benson.....	\$1,044.00	Deposits by individuals.
282 ^a	Oct. 1	William H. and Benjamin F. Clark..	8,000.00	Regular appropriation approved
	1904.			Mar. 3, 1903.
283	Mar. 15	Augustus D. Ferron.....	4,500.00	Do.
284	Mar. 24	Alonzo J. Stookey	1,100.00	Do.
285	Apr. 12	Alfredo R. Talamantes and Harvey D. Heist.	8,000.00	Do.
		^a Deputies released from this contract by Commissioner.	22,644.00	
			8,000.00	
		Total.....	14,644.00	

LOCATION OF TERRITORY EMBRACED WITHIN THE ABOVE CONTRACTS.

No.	Locality.
263	The subdivisional lines of T. 13 S., R. 13 E., of the Salt Lake base and meridian, Utah.
283	The township line between Tps. 33 and 34 S., R. 19 W.; the township line between Tps. 2 and 3 S., R. 2 E., the fractional township line between Tps. 4 and 5 S., R. 2 E.; the township line between Tps. 23 and 24 S., R. 6 E.; the fractional township lines between Tps. 19 and 20 S., R. 7 E.; and between Tps. 32 and 33 S., R. 22 E.; and the township line between Tps. 33 and 34 S., R. 22 E. The range lines between Rs. 19 and 20 W., T. 34 S., between Rs. 2 and 3 E., T. 5 S., between Rs. 6 and 7 E., T. 23 S., the fractional range line between Rs. 6 and 7 E., T. 20 S., and the range line between Rs. 21 and 22 E., T. 33 S., and the subdivisional lines of the following full and fractional townships, viz: T. 34 S., R. 19 W.; T. 28 S., R. 16 W.; T. 36 S., R. 13 W.; T. 1 S., R. 23 E.; T. 2 S., R. 2 E.; T. 5 S., R. 2 E.; T. 23 S., R. 6 E.; T. 20 S., R. 7 E.; T. 33 S., R. 22 E., and T. 35 S., R. 24 E., of the Salt Lake base and meridian, Utah.
284	The fractional township line between Tps. 4 and 5 S., R. 5 W.; Tps. 3 and 4 S., R. 6 W., and Tps. 2 and 3 S., R. 6 W.; the range line between Rs. 6 and 7 W.; Tps. 3 and 4 S., and fractional range line between Rs. 17 and 18, and 18 and 19 W.; T. 6 S., and the subdivisional lines of the following fractional townships, viz: T. 3 S., R. 2 W.; Tps. 4 and 5 S., R. 5 W.; Tps. 4 and 3 S., R. 6 W., and T. 6 S., R. 18 W., of the Salt Lake base and meridian, Utah.
285	The guide meridian Tps. 9, 10, 11, and 12 S., between Rs. 24 and 25 E.; the second standard parallel south, Rs. 22, 23, 24, 25, and 26 E.; the range lines between Rs. 21 and 22, 22 and 23, 23 and 24, and 25 and 26 E., T. 9 S.; between Rs. 22 and 23, 23 and 24, and 25 and 26 E.; T. 10 S., and between Rs. 23 and 24, and 25 and 26 E., Tps. 11 and 12 S.; the township lines between Tps. 8 and 9 S., Rs. 23, 24, and 25 E.; between Tps. 9 and 10 S., Rs. 22, 23, 24, and 25 E., and between Tps. 11 and 12, and 12 and 13 S., Rs. 24 and 25 E.; and the subdivisional lines of T. 9 S., Rs. 21, 22, 23, 24, and 25 E.; T. 10 S., Rs. 22, 23, 24, and 25 E., and Tps. 11 and 12 S., Rs. 24 and 25 E., of the Salt Lake base and meridian, Utah.

EXHIBIT C.—*Statement showing contracts awarded for survey of the Uinta Indian Reservation, Utah, during the fiscal year ending June 30, 1904.*

No.	Date.	Deputy.	Liability.	Fund payable from—
264	1903. July 20	Arthur H. and Fred M. Brown	\$4,205.00	Appropriation for survey of Indian reservations, approved March 3, 1903.
265	...do...	James H. Martineau.....	4,453.00	Do.
266	...do...	Harvey D. Heist.....	3,912.00	Do.
267	...do...	William Dallas.....	4,031.00	Do.
268	...do...	Herman E. Freudenthal.....	4,243.00	Do.
269	July 22	Robert E. L. Collier and Harry Rager	4,668.00	Do.
270	...do...	Andrew J. Stewart, jr., and Alfred L. Booth.	7,325.00	Do.
271	...do...	John R. and Andy J. Stewart.....	7,003.00	Do.
272	...do...	James C. Dick and Austin K. Tiernan.....	7,469.00	Do.
273	...do...	James F. Trotter.....	4,014.00	Do.
274	...do...	Francis M. Lyman, jr.....	3,988.00	Do.
275	Sept. 23	Washington Jenkins.....	4,410.00	Do.
276	Aug. 10	Fred Johnson.....	4,545.00	Do.
277	July 22	John W. McKim.....	4,630.00	Do.
278	Sept. 10	George C. Swan and Frederick C. Ferron....	7,077.00	Do.
279	July 22	Hubert D. Page and Byron S. Kershaw.....	6,957.00	Do.
280	...do...	James M. Lentz.....	4,617.00	Do.
281	...do...	Scott P. Stewart and Clarence S. Jarvis.....	6,709.00	Do.
		Total.....	94,256.00	

LOCATION OF TERRITORY EMBRACED WITHIN THE ABOVE CONTRACTS.

No.	Locality.
264	The east, north, west, south, and southeast boundaries of the Uinta Indian Reservation, Utah.
265	The fractional Uinta special base line T. 1 N., R. 2 E.; the Uinta special meridian, Tps. 2, 3 and 4 N. between R. 1 E. and 1 W.; the fractional north and east boundaries T. 1 N., R. 1 E.; fractional north boundary T. 1 N., R. 2 E.; fractional north and east boundaries T. 2 N., R. 1 E.; fractional north boundary T. 3 N., R. 1 E.; fractional south and the west and north boundaries T. 2 N., R. 1 W.; and the west and north boundaries T. 3 N., R. 1 W.; also the subdivisional lines of Tps. 2 and 3 N., R. 1 W., and of fractional T. 1 N., R. 1 W. and Rs. 1 and 2 E., T. 2 N., Rs. 1 and 2 E., and Tps. 3 and 4 N., R. 1 E., of the Uinta special base and meridian, Utah.
266	The Uinta special base line T. 1 N., Rs. 2, 3, 5, and 6 W.; west and north boundaries T. 1 N., R. 2 W.; north boundary T. 1 N., R. 3 W.; west, east, and north boundaries T. 1 N., R. 6 W., and the subdivisional lines of T. 1 N., Rs. 2, 3, and 6 W., and of fractional T. 1 N., R. 5 W., of the Uinta special base and meridian, Utah.
267	The west and north boundaries Tps. 2 and 3 N., R. 2 W.; the west boundary Tps. 4 and 5 N., R. 1 W.; the first standard parallel north R. 1 W., and the subdivisional lines of Tps. 2 and 3 N., R. 2 W., and fractional Tps. 4 and 5 N., R. 1 W., of the Uinta special base and meridian, Utah.
268	West and north boundaries Tps. 2 and 3 N., R. 3 W.; west boundary Tps. 4 and 5 N., R. 2 W., and the first standard parallel north R. 2 W.; also the subdivisional lines of Tps. 2 and 3 N., R. 3 W., and Tps. 4 and 5 N., R. 2 W., of the Uinta special base and meridian, Utah.
269	The fractional Uinta special meridian T. 3 S. between Rs. 1 E. and 1 W.; the fractional south boundary T. 3 S., R. 1 E.; the fractional east boundary T. 4 S., R. 1 E., and the fractional north boundary T. 4 S., R. 2 E.; also the subdivisional lines of the following fractional townships: T. 2 S., R. 1 E. and 1 W.; T. 1 S., R. 2 E.; T. 3 S., R. 1 W. and Rs. 1 and 2 E.; T. 4 S., R. 1 W. and Rs. 1 and 2 E., and T. 5 S., R. 2 E., of the Uinta special base and meridian, Utah.
270	The first guide meridian west T. 2 S. between Rs. 4 and 5 W.; the first standard parallel south T. 4 S., Rs. 5, 6, and 7 W.; the range lines between Rs. 5 and 6, and 6 and 7 W., Tps. 4, 3, 2, and 1 S., and between Rs. 7 and 8 W., Tps. 4, 3, and 2 S.; the township lines between Tps. 3 and 4, and 2 and 3 S., Rs. 5, 6, and 7 W., and between Tps. 1 and 2 S., Rs. 6 and 7 W., and the subdivisional lines of the following full and fractional townships, viz: Tps. 4, 3, and 2 S., R. 4 W.; Tps. 4, 3, 2, and 1 S., R. 5 W.; Tps. 4, 3, 2, and 1 S., R. 6 W., and Tps. 4, 3, and 2 S., R. 7 W., of the Uinta special base and meridian, Utah.
271	The first guide meridian west Tps. 5, 6, and 7 S., between Rs. 4 and 5 W.; the range line between Rs. 3 and 4 W., Tps. 5 and 6 S.; between Rs. 5 and 6, and 6 and 7 W., Tps. 5, 6, and 7 S., and between Rs. 7 and 8 W., T. 5 S.; the township lines between Tps. 5 and 6 S., Rs. 3, 4, 5, 6, and 7 W., and between Tps. 6 and 7 S., Rs. 4, 5, and 6 W.; also the subdivisional lines of the following full and fractional townships, viz: Tps. 5 and 6 S., R. 3 W.; Tps. 5, 6, and 7 S., Rs. 4, 5, and 6 W., and T. 5 S., R. 7 W., of the Uinta special base and meridian, Utah.
272	The first guide meridian west Tps. 2, 3, 4, and 5 N., between Rs. 4 and 5 W.; the first standard parallel north, through Rs. 3 and 4 W.; the range line between Rs. 5 and 6 W., T. 2 N., and between Rs. 3 and 4 W., Tps. 4 and 5 N.; the township lines between Tps. 2 and 3 N., Rs. 4 and 5 W., and Tps. 3 and 4 N., R. 4 W.; also the subdivisional lines of the following full and fractional townships, viz: T. 2 N., Rs. 4 and 5 W.; T. 3 N., R. 4 W., and Tps. 4 and 5 N., Rs. 3 and 4 W., of the Uinta special base and meridian, Utah.
273	The first standard parallel north through R. 5 W.; the range lines between Rs. 6 and 7 W., T. 2 N., and between Rs. 5 and 6 W., Tps. 3 and 4 N.; the township lines between Tps. 2 and 3 N., R. 6 W., and between Tps. 3 and 4 N., R. 5 W.; also subdivisional lines of the following full and fractional townships, viz: T. 2 N., R. 6 W., and Tps. 3, 4, and 5 N., R. 5 W., of the Uinta special base and meridian, Utah.
274	The Uinta special base line T. 1 N., R. 7 W.; the range lines between Rs. 7 and 8 W., Tps. 1 and 2 N., and between Rs. 6 and 7 W., T. 3 N.; the township lines between Tps. 1 and 2, and 2 and 3 N., R. 7 W., and between Tps. 3 and 4 N., R. 6 W.; also the subdivisional lines of the following townships, viz: Tps. 1 and 2 N., R. 7 W., and T. 3 N., R. 6 W., of the Uinta special base and meridian, Utah.
275	The Uinta special base line T. 1 N., R. 8 W.; the second guide meridian west T. 1 N. between Rs. 8 and 9 W.; the range lines between Rs. 7 and 8 W., Tps. 3 and 4 N., and between Rs. 6 and 7 W., T. 4 N.; the township lines between Tps. 1 and 2 N., R. 8 W., and between Tps. 3 and 4 N., R. 7 W.; also the subdivisional lines of the following full and fractional townships, viz: T. 1 N., R. 8 W.; Tps. 3 and 4 N., R. 7 W., and T. 4 N., R. 6 W., of the Uinta special base and meridian, Utah.
276	The Uinta special base line T. 1 N., R. 9 W.; the second guide meridian west Tps. 2, 3, and 4 N., between Rs. 8 and 9 W.; the range line between Rs. 9 and 10 W., T. 1 N.; the township lines between Tps. 1 and 2 N., R. 9 W., and Tps. 2 and 3, and 3 and 4 N., R. 8 W.; also the subdivisional lines of the following full and fractional townships, viz: T. 1 N., R. 9 W., and Tps. 2, 3, and 4 N., R. 8 W., of the Uinta special base and meridian, Utah.
277	The Uinta special base line T. 1 N., Rs. 10, 11, and 12 W.; the range lines between Rs. 10 and 11, and 11 and 12 W., T. 1 N., and between Rs. 9 and 10 W., T. 2 N.; the township lines between Tps. 1 and 2 N., R. 10 W., and between Tps. 2 and 3, and 3 and 4 N., R. 9 W.; also the subdivisional lines of the following fractional townships, viz: Tps. 2, 3, and 4 N., R. 9 W.; Tps. 1 and 2 N., R. 10 W., and T. 1 N., Rs. 11 and 12 W., of the Uinta special base and meridian, Utah.
278	The second guide meridian west between Rs. 8 and 9 W., Tps. 4, 3, 2, and 1 S.; the first standard parallel south through R. 8 W.; the range line between Rs. 2 and 3, and 7 and 8 W., T. 1 S.; the township lines between Tps. 1 and 2 S., R. 2 W., and between Tps. 3 and 4, and 2 and 3, and 1 and 2 S., R. 8 W.; also the subdivisional lines of the following full and fractional townships, viz: T. 1 S., Rs. 2 and 3 W.; T. 2 S., R. 2 W.; Tps. 4, 3, 2, and 1 S., R. 8 W., and T. 1 S., R. 7 W., of the Uinta special base and meridian, Utah.
279	The first standard parallel south through Rs. 9, 10, and 11 W.; the range lines between Rs. 9 and 10, and 10 and 11 W., Tps. 4, 3, 2, and 1 S., and between Rs. 11 and 12 W., T. 4 S.; the township lines between Tps. 3 and 4 S., Rs. 9, 10, and 11 W.; between Tps. 2 and 3, and 1 and 2 S., Rs. 9 and 10 W., and the subdivisional lines of the following townships, viz: Tps. 4, 3, 2, and 1 S., Rs. 9 and 10 W., and T. 4 S., R. 11 W., of the Uinta special base and meridian, Utah.

LOCATION OF TERRITORY EMBRACED WITHIN THE ABOVE CONTRACTS—Continued.

No.	Locality.
280	The third guide meridian west T. 2 S. between Rs. 12 and 13 W.; the first standard parallel south through R. 12 W.; the range line between Rs. 11 and 12 W., Tps. 3, 2, and 1 S.; the township lines between Tps. 3 and 4 S., R. 12 W., and between Tps. 2 and 3, and 1 and 2 S., Rs. 11 and 12 W.; also the subdivisional lines of the following full and fractional townships, viz: T. 4 S., R. 12 W.; T. 3 S., Rs. 11 and 12 W.; T. 2 S., Rs. 11, 12, and 13 W., and T. 1 S., Rs. 11 and 12 W., of the Uinta special base and meridian, Utah.
281	The second guide meridian west Tps. 5, 6, and 7 S. between Rs. 8 and 9 W.; the range line between Rs. 7 and 8 W., Tps. 6 and 7 S. between Rs. 9 and 10 W., Tps. 5 and 6 S., and between Rs. 10 and 11, and 11 and 12 W., T. 5 S.; the township lines between Tps. 5 and 6 S., Rs. 8, 9, and 10 W., and between Tps. 6 and 7 S., Rs. 7, 8, and 9 W.; also the subdivisional lines of the following full and fractional townships, viz: Tps. 6 and 7 S., R. 7 W.; Tps. 7, 6, and 5 S., R. 8 W.; Tps. 5, 6, and 7 S., R. 9 W.; Tps. 6 and 5 S., R. 10 W., and T. 5 S., Rs. 11 and 12 W., of the Uinta special base and meridian, Utah.

RECAPITULATION.

Liability of contracts payable from regular appropriation and deposits by individuals, as per Exhibit B.....	\$14,644
Liability of contracts in Uinta Indian Reservation, as per Exhibit C	94,256
Total liability of contracts let during the fiscal year ending June 30, 1904.....	108,900

EXHIBIT D.—Statement showing contracts for public-land surveys examined and approved by the surveyor-general during the fiscal year ending June 30, 1904, not including those in the Uinta Indian Reservation.

No.	Contract data.	Extent of survey.						
		Location.			Acreage.			
		Town-ship.	Range.	Mileage.		Agricul-tural.	Mineral.	Coal.
216	{ Awarded Oct. 29, 1897, to Alonzo J. Stookey; liability, \$2,792. Approved by the surveyor-general Nov. 30, 1903; account, \$2,792.	7 S.	6 W.	M.	C.	L.		
		7 S.	7 W.	16	68	63	16,879.01	
		6 S.	6 W.	34	22	28	6,229.19	
		6 S.	7 W.	19	46	96	9,412.39	
		5 S.	6 W.	44	62	4	6,917.59	
		5 S.	7 W.	48	71	17	11,008.72	
		12 S.	17 W.	86	76	80	14,173.80	
		11 S.	19 W.	64	59	36	24,396.95	
		11 S.	20 W.	5	63	20	18,428.85	
		8 S.	20 W.	6	50	83	2,034.84	
		18 S.	3 E.	58	12	43	1,373.34	
229	{ Awarded Apr. 20, 1899, to Caleb Tanner; liability, \$2,200. Approved by the surveyor-general Oct. 8, 1903; account, \$2,200.	17 S.	4 E.	84	31	98	17,326.88	
		16 S.	4 E.	66	30	97	23,169.79	
		16 S.	3 E.	13	53	15	14,344.77	
		15 S.	2 E.	73	4	49	3,118.05	
231	{ Awarded Apr. 26, 1899, to Edward Hanson; liability, \$1,920. Approved by the surveyor-general Oct. 5, 1903; account, \$482.83. Six townships not yet approved.	8 N.	4 E.	66	6	51	17,313.77	
							21,853.29	
244	{ Awarded Apr. 12, 1901, to Andrew P. Hanson; liability, \$2,035. Approved by the surveyor-general Sept. 17, 1903; account, \$329.73. The balance of the contract was approved June 9, 1903; account, \$1,705.27.	2 S.	3 E.	84	3	79	309.15	19,086.48
250	{ Awarded Jan. 2, 1902, to John R. Stewart; liability, \$3,480. Approved by the surveyor-general Jan. 18, 1904; account, \$3,099.73.	12 S.	12 E.	14	67	53	6,472.08	
		13 S.	12 E.	78	67	93	20,181.85	
		14 S.	15 E.	78	78	32	23,011.54	1,287.32
		13 S.	14 E.	75	71	14	20,121.16	
		12 S.	14 E.	64	13	52	21,314.21	
		11 S.	15 E.	84	65	80	22,966.83	
		28 S.	4 E.	21	40	57	4,800.00	
		30 S.	3 E.	83	79	45	23,027.89	
		40 S.	4 1/2 W.	1	79	45		
		40 S.	1, 2 W.	6	2	73		
251	{ Awarded Feb. 12, 1902, to Harvey D. Heist; liability \$4,320. Approved by the surveyor-general Feb. 26, 1904; account, \$8,856.43.	41 S.	2 W.	2	54	48	527.52	
		40 S.	2 W.	59	79	52	17,269.16	
		40 S.	3 W.	6	0	0		
		40 S.	4 W.	88	69	80	25,709.16	
		40 S.	13 W.	82	63	52	22,963.12	
		40 S.	14 W.	54	0	6	15,357.52	
		40 S.	15 W.	65	32	19	18,245.45	
		41 S.	14 W.	3	0	6	640.00	

EXHIBIT D.—Statement showing contracts for public-land surveys examined and approved by the surveyor-general during the fiscal year ending June 30, 1904, etc.—Continued.

No.	Contract data.	Extent of survey.							
		Location.			Average.				
		Township.	Rangé.	Mileage.	Agricultural.	Mineral.	Coal.		
				M.	C.	L.			
252	{ Awarded May 6, 1902, to Alonzo J. Stookey; liability \$1,035. Approved by the surveyor-general Nov. 30, 1903; account, \$782.19.	8 S.	17 W.	6	0	0			
		7 S.	17 W.	6	0	0			
		6 S.	17 W.	6	0	0			
		5 S.	16 W.	0	51	83			
		5 S.	17 W.	6	0	0			
259	{ Awarded Feb. 12, 1903, to Harvey D. Heist; liability \$3,020. Approved by the surveyor-general Mar. 19, 1904; account, \$2,458.56.	5 S.	18 W.	83	79	4	23,035.60		
		21 S.	23 E.	77	66	42	22,901.34		
		11 S.	2 W.	76	69	84	18,368.68	659.68	
		15 S.	15 E.	72	0	66	23,032.71		
		16 S.	15 E.	79	2	97	22,906.25		
		16 S.	16 E.	23	72	31	6,274.66		
		15 S.	16 E.	7	79	88	2,558.72		
		4 N.	18 W.	79	11	43	23,274.03		
261	{ Awarded Mar. 18, 1903, to Andrew P. Hanson; liability \$5,000. Approved by the surveyor-general Mar. 31, 1904; account, \$4,608.41.	5 N.	18 W.	84	47	88	23,320.67		
		6 N.	18 W.	78	56	34	23,374.03		
		4 N.	17 W.	73	2	76	23,239.48		
		5 N.	17 W.	78	17	75	23,179.25		
		6 N.	17 W.	72	47	54	28,113.48		
		7 N.	17 W.	78	32	32	23,226.00		
		5 N.	16 W.	78	15	32	23,162.52		
		6 N.	16 W.	72	48	73	23,425.43		
		7 N.	16 W.	72	44	53	23,348.99		
		5 N.	15 W.	72	52	37	23,453.81		
262	{ Awarded Mar. 23, 1903, to Alfredo R. Talamantes and John W. Dougall; liability, \$4,800. Approved by the surveyor-general Mar. 5, 1904; account, \$4,346.98.	6 N.	15 W.	72	73	90	23,652.60		
		7 N.	15 W.	78	77	53	23,599.01		
		5 N.	14 W.	78	27	98	19,387.51	3,878.72	
		6 N.	14 W.	72	49	69	23,444.94		
		7 N.	14 W.	72	55	87	23,486.43		
		8 N.	14 W.	78	46	1	23,278.98		
		6 N.	13 W.	79	59	5	19,834.73	4,250.20	
		7 N.	13 W.	75	32	57	24,643.45		
263	Awarded July 1, 1903, to Howard J. Benson; liability \$1,044. Approved by the surveyor-general Apr. 6, 1904; account, \$935.94.	8 N.	13 W.	74	29	3	23,966.03		
		13 S.	13 E.	71	22	98	20,206.92	320.00	745.28
Total				3,746	74	58	1,051,993.65	28,195.08	2,032.60

FUNDS FROM WHICH THE ABOVE CONTRACTS ARE PAYABLE.

No.	Payable from—
216	Regular appropriation, approved June 4, 1897.
229	Regular appropriation, approved July 1, 1898.
231	Regular appropriation, approved July 1, 1898.
244	Regular appropriation, approved June 6, 1900.
250	Regular appropriation, approved Mar. 3, 1901.
251	Regular appropriation, approved Mar. 3, 1901.
252	Regular appropriation, approved Mar. 3, 1901.
259	Regular appropriation, approved June 28, 1902.
261	Repayments made by the Central Pacific R. R. Co.
262	Repayments made by the Central Pacific R. R. Co.
263	Deposits by individuals.

CHARACTER OF WORK.

	Measurements.
	M. C. L.
Meridian lines.....	72 67 6
Standard lines.....	125 11 74
Township lines.....	635 49 38
Section lines.....	2,884 63 91
Closing lines.....	28 42 49
Total	3,746 74 58

EXHIBIT E.—*Statement showing contracts for public-land surveys within the Uinta Indian Reservation, Utah, examined and approved by the surveyor-general during the fiscal year ending June 30, 1894.*

No.	Contract data.	Extent of survey.					
		Location.			Acreage.		
		Town-ship.	Range.	Mileage.	Agricultural.	Mineral.	Coal.
266	Awarded July 20, 1903, to Harvey D. Heist; liability, \$3,912. Approved by the surveyor-general April 12, 1904; account, \$3,912.	1 N.	2 W.	M. C. L. 83 79 70	22,935.30	.....	.....
		1 N.	3 W.	72 24 24	22,836.27	.....	.....
		1 N.	5 W.	11 38 64	2,233.08	.....	.....
		1 N.	6 W.	83 43 69	23,093.95	.....	.....
268	Awarded July 20, 1903, to Herman E. Freudenthal; liability, \$4,243. Two townships approved by the surveyor-general June 1, 1904; account, \$2,885.29. Remainder of contract not completed in the field.	2 N.	3 W.	77 77 8	22,982.32	.....	.....
		3 N.	3 W.	77 72 50	22,958.93	.....	.....
		2 S.	1 E.	32 65 24	10,211.08	.....	.....
		2 S.	1 W.	1 0 10	1,880.90	.....	.....
269	Awarded July 22, 1903, to Robert E. L. Collier and Harry Rager. Approved by the surveyor-general June 30, 1904; account, \$4,668.	1 S.	2 E.	7 1 63	3,195.68	.....	.....
		3 S.	1 W.	46 71 84	8,656.79	.....	.....
		3 S.	1 E.	43 21 62	11,451.42	.....	.....
		3 S.	2 E.	6 60 32	2,595.73	.....	.....
		4 S.	1 W.	53 51 43	15,967.79	.....	.....
		4 S.	1 E.	52 79 96	17,960.52	.....	.....
		4 S.	2 E.	58 42 94	14,798.42	.....	.....
		5 S.	1 E.	1 70 77	337.93	.....	.....
		5 S.	2 E.	20 41 92	6,517.41	.....	.....
272	Boundary Fort Duchesne Military Reservation. Awarded July 22, 1903, to James C. Dick and Austin K. Tiernan. Approved by the surveyor-general June 30, 1904; account, \$4,458.73. Remainder of contract not completed in the field.	2 N.	4 W.	78 33 33	23,296.70	.....	.....
		2 N.	5 W.	79 24 53	23,154.46	.....	.....
		3 N.	4 W.	72 0 47	23,038.26	.....	.....
					
273	Awarded July 22, 1903, to James F. Trotter, approved by the surveyor-general June 30, 1904; account, \$2,965.14. Remainder of contract not completed in the field.	2 N.	6 W.	80 72 17	23,645.62	.....	.....
		3 N.	5 W.	72 71 18	22,796.14	.....	.....
					
Total				1,126 6 48	326,544.70	.....	.....

RECAPITULATION.

Total liability, as per Exhibit D	\$29,940.73
Total liability, as per Exhibit E	18,889.16
Total approved accounts, as per Exhibit D	25,892.82
Total approved accounts, as per Exhibit E	18,889.16
Total acres for this year, as per Exhibit D	1,082,221.33
Total acres for this year within the Uinta Indian Reservation, as per Exhibit E	326,544.70
Total acres in Utah for previous years	18,819,079.56
Total acres up to June 30, 1904	20,227,845.59

EXHIBIT F.—Statement showing contracts for public-land surveys accepted and approved by the honorable Commissioner of the General Land Office during the fiscal year ending June 30, 1904.

No.	Contract data.	Extent of survey.					
		Location.			Acreage.		
		Town- ship.	Range.	Mileage.	Agricul- tural.	Mineral.	Coal.
232	{ Awarded Nov. 24, 1899, to Hubert D. Page and Harry Erwin; accepted by the Commissioner's letter E, dated Feb. 25, 1904; account, \$1,070.61.	26 S.	4½ W.	M. C. L. 67 46 39	19,212.60	49.12	.....
		28 S.	4 W.	78 14 84	16,752.55	6,710.96	.....
		20 S.	20 E.	6 0 0	23,030.08	.....	.....
243	{ Awarded Apr. 12, 1901, to Andrew J. Stewart, jr.; accepted by the Commissioner's letter E, dated June 26, 1903; account, \$4,254.	19 S.	20 E.	83 79 36	23,040.44	.....	.....
		18 S.	20 E.	78 0 82	23,001.52	.....	.....
		18 S.	19 E.	77 73 4	23,026.87	.....	.....
		17 S.	20 E.	77 77 15	23,013.60	.....	.....
		17 S.	19 E.	71 75 24	25,426.60	.....	.....
		16 S.	20 E.	77 44 99	25,442.62	.....	.....
		16 S.	19 E.	70 69 12	309.15	19,086.48	.....
244	Awarded Apr. 12, 1901, to Andrew P. Hanson; accepted by the Commissioner's letter E, dated Dec. 24, 1903; account, \$329.73. Balance of contract previously approved.	2 S.	2 E.	84 3 79	.....	.....	.....
250	{ Awarded Jan. 2, 1902, to John R. Stewart; accepted by the Commissioner's letter E, dated Mar. 28, 1904; account, \$3,099.73.	12 S.	12 E.	14 67 53	6,472.08	.....	.....
		13 S.	12 E.	78 67 93	20,181.35	.....	1,287.32
		14 S.	15 E.	78 78 32	23,011.54	.....	.....
		13 S.	14 E.	75 71 14	21,121.16	.....	.....
		12 S.	14 E.	64 13 52	21,314.21	.....	.....
		11 S.	15 E.	84 65 80	22,966.83	.....	.....
		28 S.	4 E.	21 40 57	4,800.00	.....	.....
		30 S.	3 E.	83 79 45	23,027.89	.....	.....
		40 S.	4½ W.	1 79 45	.....	.....	.....
		40 S.	1 & 2 W.	6 2 72	.....	.....	.....
251	{ Awarded Feb. 12, 1902, to Harvey D. Heist; accepted by the Commissioner's letter E, dated June 23, 1904; account, \$3,061.48.	41 S.	2 W.	2 54 48	527.52	.....	.....
		40 S.	2 W.	59 79 52	17,269.16	.....	.....
		40 S.	3 W.	6 0 0	.....	.....	.....
		40 S.	13 W.	82 63 52	22,963.12	.....	.....
		40 S.	14 W.	54 0 6	15,357.52	.....	.....
		40 S.	15 W.	65 32 19	18,245.45	.....	.....
		41 S.	14 W.	3 0 6	640.00	.....	.....
		8 S.	17 W.	6 0 0	.....	.....	.....
		7 S.	17 W.	6 0 0	.....	.....	.....
		6 S.	17 W.	6 0 0	.....	.....	.....
252	{ Awarded May 6, 1902, to Alonzo J. Stookey; accepted by the Commissioner's letter E, dated June 8, 1904; account, \$782.19.	5 S.	16 W.	51 83	.....	.....	.....
		5 S.	17 W.	6 0 0	.....	.....	.....
		5 S.	18 W.	83 79 4	23,035.60	.....	.....
	
	
256	{ Awarded Sept. 2, 1902, to A. R. Talamantes; accepted by the Commissioner's letter E, dated Aug. 8, 1903; account, \$112.51.	9 N.	3 W.	8 46 84	1,001.40	.....	.....
		9 N.	4 W.	7 0 58	.....	.....	.....
	
Total .....		.....	.....	1,684 19 29	444,190.86	25,846.56	1,287.32

		Acres.	
Total agricultural		444,190.86	
Total mineral		25,846.56	
Total coal		1,287.32	
Total number of acres		471,324.74	

FUND FROM WHICH ABOVE CONTRACTS ARE PAYABLE.

No.	Payable from—
232	Regular appropriation, approved Mar. 3, 1899.
243	Regular appropriation, approved June 6, 1900.
244	Regular appropriation, approved June 6, 1900.
250	Regular appropriation, approved Mar. 3, 1901.
251	Regular appropriation, approved Mar. 3, 1901.
252	Regular appropriation, approved Mar. 3, 1901.
256	Regular appropriation, approved June 28, 1902.

EXHIBIT G.—*Statement showing status of contracts for public-land surveys outstanding or undisposed of at the close of the fiscal year ending June 30, 1904, not including contracts within the Uinta Indian Reservation.*

No.	Date.	Deputy.	Liability.	Payable from—	Remarks.
225	1899. Jan. 23	William Lewman	\$1,890.00	Regular appropriation, approved July 1, 1898.	Deputy dead; part of field work completed; bondsmen called upon to complete balance and make returns.
231	Apr. 26	Edward Hanson.....	1,920.00	.....do	Deputy ordered to re- turn to field and place contract in a satisfac- tory condition.
239	1900. May 11	P. D. Schoeber	800.00	Regular appropriation, approved Mar. 3, 1899.	Deputy dead; returns filed and worked up await- ing report of field ex- amination before trans- mitting to the Commis- sioner.
241	1901. Apr. 11	Mayhew H. Dalley ...	5,000.00	Regular appropriation, approved June 6, 1900.	Field work in progress; no returns filed.
245	Apr. 12	Nephi P. Anderson...	1,621.00	.....do	Field work completed; no returns filed; field ex- amination made.
249	Nov. 13	.....do	811.00	Repayments made by Central Pacific R. R. Co.	Do.
254	1902. Aug. 9	Hubert D. Page and James M. Lentz.	7,300.00	Regular appropriation, approved June 28, 1902.	Field work completed, returns filed and being worked up; field ex- amination not yet made.
255	....do ...	Edgar F. Harmston ..	1,000.00	.....do	Field work in progress; no returns filed.
257	Sept. 20	Nephi P. Anderson...	500.00	.....do	Field work completed; no returns filed.
260	1903. Feb. 12	.....do	2,000.00	.....do	Field work not begun.
283	1904. Mar. 15	Augustus D. Ferron ..	4,500.00	Regular appropriation, approved Mar. 3, 1903.	Field work in progress; no returns filed.
284	Mar. 24	Alonzo J. Stookey....	1,100.00	.....do	Do.
285	Apr. 12	Alfredo R. Talamantes and Harvey D. Heist.	8,000.00	.....do	Do.
Total			36,442.00		

There are 85 full and fractional townships embraced in the above-mentioned contracts.

EXHIBIT H.—*Statement showing status of contracts for public-land surveys situated within the Uinta Indian Reservation, Utah, outstanding or undisposed of at the close of the fiscal year ending June 30, 1904.*

No.	Date.	Deputy.	Liability.	Payable from—	Remarks.
264	1903. July 20	Arthur H. and F. M. Brown.	\$4,205.00	Appropriation for sur- vey of Indian reserva- tion, approved Mar. 3, 1903.	Survey of boundaries; field work almost com- pleted; no returns filed. Expect they will be before Sept. 30, 1904.
265	....do ...	James H. Martineau..	4,453.00	.....do	Field work well under way; returns will be filed about September.
267	....do ...	William Dallas.....	4,031.00	.....do	Field work in progress; returns will be filed about September.
268	....do ...	Herman E. Freuden- thal.	4,243.00	.....do	Two townships com- pleted and returns for- warded to Washington; remaining two town- ships will probably be filed in August or Sep- tember.

EXHIBIT H.—*Statement showing status of contracts for public-land surveys situated within the Uinta Indian Reservation, Utah, etc.*—Continued.

No.	Date.	Deputy.	Liability.	Payable from—	Remarks.
270	1903. July 22	Andrew J. Stewart, jr., and Alfred L. Booth.	\$7,325.00	Appropriation for sur- vey of Indian reserva- tion, approved Mar. 3, 1903.	Contract completed; re- turns filed being worked up; will be transmitted to Washington about Aug. 15.
271	July 22	John R. and Andy J. Stewart.	7,003.00	.....do	Three townships filed and being worked up; field work on remaining township now in prog- ress; returns will be filed sometime this fall.
272	.....do ...	James C. Dick and Austin K. Tierman.	7,469.00	.....do	Three townships com- pleted and returns transmitted to Wash- ington; field work on remaining townships now in progress; re- turns will be filed some- time this fall.
273	.....do...	James F. Trotter	4,014.00	.....do	Two townships com- pleted and returns transmitted to Wash- ington; field work on remaining townships now in progress; re- turns will be filed sometime this fall.
274	.....do...	Francis M. Lyman, jr.	3,988.00	.....do	Field work in progress; returns will be filed this fall.
275	Sept. 23	Washington Jenkins .	4,410.00	.....do	Deputy will proceed to field about July 15; re- turns will be filed this fall.
276	Aug. 10	Fred Johnson	4,545.00	.....do	Field work in progress; returns will be filed this fall.
277	July 22	John W. McKim.....	4,630.00	.....do	Do.
278	Sept. 10	George C. Swan and Frederick C. Ferron.	7,077.00	.....do	Do.
279	July 22	Hubert D. Page and Byron S. Kershaw.	6,957.00	.....do	Do.
280	.....do...	James M. Lentz	4,617.00	.....do	Field work probably just begun; returns will be filed this fall.
281	.....do...	Scott C. Stewart and Clarence S. Jarvis.	6,709.00	.....do	Field work in progress; returns will be filed this fall.
			85,676.00		
Less accounts for surveys transmitted to Washington.			10,309.16		
Total			75,366.84		

There are 101 full and fractional townships embraced in the above-mentioned contracts, and it is probable that some of the returns will not be made until December on account of the extremely rough and mountainous country in which the work is situated.

There are also about 250 miles of boundary line in addition to the townships.

RECAPITULATION.

Liability, as per Exhibit G.....	\$36,442.00
Liability, within the Uinta Indian Reservation, as per Exhibit H	75,366.84
Total liability.....	111,808.84
Number of full and fractional townships as per Exhibit G.....	85
Number of full and fractional townships within the Uinta Indian Reservation, as per exhibit H	101
Total.....	186

EXHIBIT I.—MINERAL DIVISION.

Statement showing official orders issued during fiscal year ending June 30, 1904.

Original surveys.					Amended and additional surveys.	
Date.	Number.	Lodes.	Placers.	Mill sites.	Number.	Lodes.
1903.						
July	17	115			3	3
August	9	25	2		3	3
September	20	63		1	1	1
October	42	85	1	1	1	1
November	17	72				
December	12	18				
1904.						
January	9	21				
February	7	28			1	1
March	4	11			4	7
April	41	65			3	4
May	16	62				
June	21	41			1	1
Total	215	606	3	2	17	21

Statement of official surveys approved during fiscal year ending June 30, 1904.

Original surveys.					Amended and additional surveys.	
Date.	Number.	Lodes.	Placers.	Mill sites.	Number.	Lodes.
1903.						
July	8	13	1		1	1
August	15	25			2	2
September	18	44	1		1	1
October	23	52	1		7	7
November	5	7				
December	8	19			1	1
1904.						
January	20	62		1	1	1
February	4	3	1			
March	10	44			1	4
April	17	71			1	1
May	14	44			4	5
June	31	116			1	2
Total	173	500	4	1	20	25

Certificates of \$500 expenditures, 62.

EXHIBIT J.—*Statement of the various accounts, office of United States surveyor-general of Utah, for the fiscal year ending June 30, 1904.*

Account, salaries:

Appropriation for surveyor-general and clerks	\$11,000.00
Paid surveyor-general	2,000.00
Paid to clerks	8,998.49
Balance covered into the United States Treasury, June 30, 1904	1.51
Total	11,000.00

Account, contingent expenses:

Appropriation	1,200.00
Paid rent	600.00
Paid messenger	240.00
Paid incidentals	330.36
Retained by Department for freight charges	20.00
Balance covered into the United States Treasury, June 30, 1904	9.64
Total	1,200.00

Account, deposits by individuals (mining):

Balance July 1, 1903.....	\$14,966.47
Deposits for office work—	
July, 1903.....	2,635.00
August, 1903.....	760.00
September, 1903.....	1,570.00
October, 1903.....	2,510.00
November, 1903.....	1,700.00
December, 1903.....	610.00
January, 1904.....	620.00
February, 1904.....	670.00
March, 1904.....	295.00
April, 1904.....	1,980.00
May, 1904.....	1,320.00
June, 1904.....	1,125.00
Total.....	30,761.47
Paid clerks and draftsmen salaries.....	\$13,482.00
Paid incidentals (printing, binding, stationery, etc.).....	292.64
Paid one-half office rent.....	600.00
	<u>14,374.64</u>
Balance available July 1, 1904.....	<u>16,386.83</u>

Drafts received from United States Treasurer:

Cash balance on deposit in the National Bank of the Republic, Salt Lake City, Utah—	
July 1, 1903.....	1,699.58
July 26, 1903.....	4,000.00
October 26, 1903.....	4,000.00
February 4, 1904.....	3,500.00
April 22, 1904.....	3,500.00
Total.....	16,699.58
Expenditure during said fiscal year.....	14,374.64
Cash balance on deposit July 1, 1904.....	2,324.94
Balance in United States Treasury July 1, 1904.....	14,061.89
Total.....	<u>16,386.83</u>

Account Uinta Indian Reservation (office work):

Warrant received from United States Treasurer May 16, 1904.....	1,800.00
Paid clerks and draftsmen.....	1,314.34
Cash balance on deposit June 30, 1904.....	485.66
Total.....	<u>1,800.00</u>

Account deposits by Central Pacific Railroad (office work):

July 1, 1903, available balance.....	5,726.44
Warrant received from United States Treasurer July 26, 1903.....	\$800.00
Warrant received from United States Treasurer February 4, 1904.....	700.00
	<u>1,500.00</u>
Balance in United States Treasury July 1, 1904.....	4,226.44
Warrants received from United States Treasurer.....	1,500.00
Expenditure during fiscal year—	
Paid salary of clerks and draftsmen.....	1,374.00
Cash balance on deposit July 1, 1904.....	126.00
Balance available July 1, 1904.....	<u>4,352.44</u>

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Account deposits by Union Pacific Railroad (office work):

July 1, 1903, available balance in Treasury.....	\$4,019. 21
Deposited during fiscal year.....	. 16
Cash balance on deposit July 1, 1904.....	131. 00

Balance available July 1, 1904.....	<u>4,150. 37</u>
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Account special deposits by individuals (office work):

For survey of public lands—

Balance available in United States Treasury July 1, 1903.....	196. 00
Warrant from United States Treasurer October 26, 1903.....	124. 00

Balance in Treasury July 1, 1904	<u>72. 00</u>
--	---------------

Expenditure during fiscal year:

Paid salary of draftsman	88. 00
Cash balance on deposit July 1, 1904.....	38. 00

Account survey of public lands (office work):

Cash balance on deposit July 1, 1904.....	2. 00
Total available balance (special).....	<u>112. 00</u>

REPORT OF THE SURVEYOR-GENERAL OF WASHINGTON.

OFFICE OF THE UNITED STATES SURVEYOR-GENERAL,
Olympia, July 8, 1904.

SIR: I have the honor to transmit herewith in duplicate the annual report of this office for the fiscal year ended June 30, 1904, accompanied by the following tabular statements:

A.—Statement showing condition of contracts not closed at date of last annual report.

B.—Contracts awarded in the State of Washington under the appropriation for surveys and resurveys of the public lands for the fiscal year ended June 30, 1904.

The accompanying statement shows the aggregate number of miles surveyed during the past fiscal year, as follows:

Character of lines.	Measurements.		
	<i>M.</i>	<i>C.</i>	<i>L.</i>
Standard lines.....	33	70	44
Township lines.....	436	26	1
Section lines.....	1,569	14	11
Meander lines.....	206	38	53
Connecting lines.....	23	35	47
	2,269	24	56

Townships surveyed and accepted.....	30
Mineral claims surveyed.....	142

Mineral plats made for mines and mill sites.....	288
Township plats made.....	159
Exterior plats made.....	20
Segregation and supplemental plats made.....	27
Mineral district maps made.....	14
Miscellaneous maps and diagrams made.....	404

Total plats, tracings, etc., made..... 912

Aggregate deposits for office work, mining claims..... \$4, 070

Special deposits for the survey of public lands made by the Northern Pacific

Railway Company:

For field work.....	\$12, 030
For office work.....	960
For examination in the field.....	710

Total amount deposited..... 13, 700

Very respectfully,

E. P. KINGSBURY,
United States Surveyor-General of Washington.

The COMMISSIONER OF THE GENERAL LAND OFFICE,
Washington, D. C.

A.—Statement showing condition of contracts not

No.	Date.	Name of deputy.	Character and location of work.	Number of miles surveyed.		
				Stand- ard.	Town- ship.	Section.
429	1893. June 20	William Mayer.....	T. 7 N., R. 3 E.....	M. C. L.	M. C. L.	M. C. L.
451	1895. Apr. 19	Isaac M. Galbraith...	T. 37 N., R. 8 E.....			
455	May 3	Scurry and Owens....	Resurvey and survey of frac- tional subdivisions and con- nections T. 36 N., R. 39 E.			9 11 98
465	Apr. 19	Webster Brown.....	T. 22 N., R. 5 W.....			
475	Nov. 9	Scurry and Owens....	Retracing east boundary, sur- vey of north boundary, sub- divisions, meanders, and con- necting lines, T. 30 N., R. 44 E. Retracing north and east bound- aries, survey of subdivisions, meanders, and connections, T. 31 N., R. 44 E.		6 77 36	61 75 8
498	1896. May 9	Alvin Bystrom	T. 8 N., R. 3 E.....			
509	1897. Jan. 7	Galbraith and Ober ..	T. 39 N., R. 5 E., and Ts. 38 and 39 N., R. 6 E.			
515	....do....	Oliver O. Ost	T. 12 N., R. 7 E.....			
527	Feb. 27	Galbraith and Ober ..	T. 39 N., R. 7 E.....			
549	1899. Mar. 29	Edwin S. Clark.....	T. 9 N., R. 42 E.....			
559	1900. Mar. 3	Elmer Lenfest.....	Fractional north and south boundaries, subdivisions, and meanders T. 35 N., R. 27 E.		1 03 28	39 34
560	....do....	Byars and Byars	Fractional third standard par- allel, north and east bound- aries, subdivisions, and me- anders, T. 13 N., R. 9 E.; T. 15 N., R. 8 E.	1 0 0	3 0 0	36 0 62
564	July 21	Henry and Henry	Fractional subdivisions and connecting lines T. 23 N., R. 9 E.			4 76 54
			Fractional west boundary, sub- divisions, and connecting lines, T. 23 N., R. 10 E.		1 0 0	28 47 30
			Fractional subdivisions T. 24 N., R. 10 E.; T. 25 N., R. 10 E., not surveyable.			3 40 0
566	Aug. 8	Henry and Henry	Retracing and resurvey of sub- divisional lines and connec- tions, T. 23 N., R. 9 E.			3 33 4
567	Aug. 9	Alfred S. Ruth.....	T. 8 N., R. 4 E.....			
(a)	Aug. 27	George A. Schwartz ..	Survey of Indian allotments and connecting lines in T. 37 N., R. 25 E.			9 74 12
			Survey of Indian allotments and connecting lines in T. 38 N., R. 25 E.			16 7 62
569	1901. Apr. 1	George C. Campbell ..	Ts. 37 and 38 N., R. 22 E.....			

^aSpecial instructions.

closed at date of last annual report.

Number of miles surveyed.			Acres.	Plats made.				Liability.	Remarks.
Meander.	Connec- tion.	Total.		Original.	Land office.	Local land office.	Total.		
<i>M. C. L.</i>	<i>M. C. L.</i>	<i>M. C. L.</i>							
.....	.....	.....	.....	.....	.....	.....	.....	\$1,500.00	Survey in the field com pleted returns filed May 2, 1904.
.....	.....	.....	.....	.....	.....	.....	.....	977.00	Survey rejected June 17, 1904; deputy died July 6, 1903, be- fore correcting work.
.....	0 0 93	9 12 91	3,274.71	1	1	1	3	183.06	Survey completed; returns to General Land Office Apr. 18, 1904.
.....	.....	.....	.....	.....	.....	.....	.....	.....	Deputy reported in the field; returns to be filed by July 1, 1904.
6 18 34	61 24	75 72 2	24,435.24	2	2	1	5	1,483.70	Survey accepted Jan. 6, 1904; contract No. 475 closed.
2 70 48	55 9	71 72 34	22,559.92	1	1	1	3	1,308.24	
.....	.....	.....	.....	.....	.....	.....	.....	1,338.00	Survey in the field completed; returns not yet filed.
.....	.....	.....	.....	.....	.....	.....	.....	3,732.00	Work to be completed by De- cember, 1905.
.....	.....	.....	.....	.....	.....	.....	.....	136.00	Survey suspended; work of correction not completed.
.....	.....	.....	.....	.....	.....	.....	.....	1,614.00	Work to be completed by De- cember, 1905.
.....	.....	.....	.....	.....	.....	.....	.....	1,753.00	Survey in field completed; notes being platted and tran- scribed.
3 61 37	.....	5 23 99	556.75	1	1	1	3	108.69	Survey accepted Apr. 26, 1904; contract No. 559 closed.
19 22 65	.....	59 23 27	.....	.....	.....	.....	.....	1,275.77	Returns of T. 13 N., R. 9 E., to General Land Office June 24, 1904. Survey of T. 15 N., R. 8 E., not completed.
.....	3 75	5 0 29	1,915.26	1	1	1	3	764.39	{ Surveys accepted June 2, 1904; remaining portion of con- tract, T. 25 N., R. 10 E., not surveyable; contract No. 564 closed. Surveys payable from special deposits by the Northern Pacific Railway Company.
.....	3 10	29 50 40	7,520.00	1	1	1	3		
.....	3 40 0	.....	640.00	1	1	1	3		
.....	6 13	3 39 17	.....	.....	.....	.....	.....	31.31	Survey accepted June 2, 1904; contract No. 566 closed.
.....	.....	.....	.....	.....	.....	.....	.....	1,345.00	Special deposits; waiting com- pletion of T. 8 N., R. 3 E.
.....	1 29 92	11 24 4	6,220.65	1	1	1	3	516.76	{ Surveys accepted Mar. 23, 1904; special instructions closed.
.....	1 18 19	17 25 81	18,135.15	1	1	1	3		
.....	.....	.....	.....	.....	.....	.....	.....	2,050.00	Surveys in the field being cor- rected on report of exam- iner.

A.—Statement showing condition of contracts not

No.	Date.	Name of deputy.	Character and location of work.	Number of miles surveyed.					
				Stand- ard.	Town- ship.	Section.			
	1901.			<i>M. C. L.</i>	<i>M. C. L.</i>	<i>M. C. L.</i>	<i>M. C. L.</i>	<i>M. C. L.</i>	<i>M. C. L.</i>
571	Apr. 2	Gesner and Gesner....	Resurvey of west boundary, subdivisions, and donation claims; retracing north boundary, and survey of north boundary, subdivisions, meanders, and connections, T. 2 N., R. 7 E.	.....	7 78 6	24 40 24			
			Retracing second guide meridian east and survey of subdivisions, T. 3 N., R. 7½ E.	.....	3 14 91	2 1 57			
			Retracing second guide meridian east; survey of first standard parallel north, through ranges 7 and 8 east, second guide meridian east, south and east boundaries, subdivisions, and connections, T. 4 N., R. 7½ E.	2 40 0	13 44 60	5 79 59			
			Retracing fractional north and west boundaries and subdivisions; survey of fractional north boundary, subdivisions, and connections, T. 3 N., R. 9 E.	.....	3 77 8	9 78 8			
573	Apr. 3	Clair Hunt	Survey of east and west boundaries, subdivisions, and connections; resurvey of section lines and Indian allotments; retracing international boundary, section lines, and mining claims, T. 40 N., R. 30 E.	6 46 91	5 58 33	40 32 60			
575	....do...	Lewis D. W. Shelton..	Resurvey of fractional south boundary; survey of north, east, and west boundaries, subdivisions, meanders, and connections, T. 35 N., R. 32 E.	.....	18 12 25	60 26 40			
			Retracing north boundary and Indian allotments; survey of east and west boundaries, subdivisions, and connections, T. 36 N., R. 32 E.	.....	17 69 66	60 4 97			
			Retracing north boundary, and survey of south and east boundaries, subdivisions, and connections, T. 36 N., R. 33 E.	.....	15 78 55	59 35 72			
578	Apr. 8	Frank J. Van Winkle.	Retracing south, east, and west boundaries and subdivision lines, T. 12 N., R. 6 W.	.....	6 75 11	1 33 3			
			Retracing north and east boundaries and subdivisions, and resurvey of east and west boundaries, T. 11 N., R. 7 W.	.....	8 27 19	4 74 18			
			Retracing fractional south and west boundaries and subdivision lines, T. 15 N., R. 7 W.	.....	1 78 88	5 79 16			
579	....do...	....do	Survey of fractional subdivisions and connecting lines, T. 12 N., R. 6 W.	.....		15 38 55			
			Survey of fractional subdivisions and connecting lines, T. 11 N., R. 7 W.	.....		20 65 41			
			Survey of fractional subdivisions and connecting lines, T. 15 N., R. 7 W.	.....		10 6 33			
580	Apr. 12	Lew A. Wilson.....	Survey of south and east boundaries and subdivisions, T. 9 N., R. 41 E.	.....	12 7 80	40 42 34			
(a)	....do...	....do	Retracing north and west boundaries and survey of fractional west boundary, T. 9 N., R. 41 E.	.....	12 10 11	.....		

a Special instructions.

closed at date of last annual report—Continued.

Number of miles surveyed.									Acres.	Plats made.				Liability.	Remarks.
Meander.			Conne- ction.			Total.				Original.	Land office.	Local land office.	Total.		
M.	C.	L.	M.	C.	L.	M.	C.	L.							
16	0	1	6	5	3	33	60	83	6,766.87	2	2	1	5	\$1,362.21	{ Surveys accepted Sept. 4, 1903; contract No. 571 closed.
.....	5	16	48	1,669.60	1	1	1	3		
.....	1	39	20	23	43	39	4,642.27	1	1	1	1	3			
.....	.....	13	96	14	9	12	4,467.05	1	1	1	1	3		
.....	58	59	53	36	43	11,035.55	2	2	1	1	5	737.82	Survey accepted Feb. 15, 1904; contract No. 573 closed.	
3	74	60	71	36	83	24	61	23,162.62	2	2	1	5	4,575.00	{ Survey accepted Apr. 6, 1904; contract No. 575 closed.	
.....	.....	70	99	78	65	62	22,887.48	3	3	3	3	9		
.....	1	8	17	76	42	44	22,615.34	3	3	3	3	9			
.....	.....	.....	.....	8	28	14	.....	2	2	1	1	5
.....	13	21	37	1	1	1	1	3	210.36	{ Surveys accepted Apr. 28, 1904; contract No. 578 closed; notes platted with surveys under contract No. 579.	
.....	.....	.....	.....	7	78	4	.....	1	1	1	1	3
.....	.....	21	51	15	60	6	6,932.01	1	1	1	1	3		
.....	5	29	20	70	70	8,744.53	1	1	1	1	3	836.84	{ Payable from special deposits of Northern Pacific Rwy. Co.; surveys accepted Apr. 28, 1904; contract No. 579 closed.	
.....	.....	5	50	10	11	83	4,345.01	1	1	1	1	3		
.....	.....	.....	.....	52	50	14	14,179.10	2	2	1	1	5
.....	12	10	11	96.00	Payable from appropriation for surveys and resurveys, 1901; survey accepted Mar. 23, 1904; special instructions closed.	

A.—Statement showing condition of contracts not

No.	Date.	Name of deputy.	Character and location of work.	Number of miles surveyed.		
				Stand- ard.	Town- ship.	Section.
581	1901. Dec. 9	George R. Campbell ..	Quinaielt Indian Reservation ..	<i>M. C. L.</i>	<i>M. C. L.</i>	<i>M. C. L.</i>
			Resurvey of reservation bound- ary; survey of west bound- ary, subdivisions, meanders, and connections, T. 23 N., R. 9 W.	.....	1 54 44	22 14
			Retracing reservation bound- ary; survey of north and west boundaries, T. 21 N., R. 10 W.	.....	2 10 66	.....
			Retracing reservation bound- ary; survey of north and west boundaries, subdivisions, and meanders, T. 22 N., R. 10 W.	.....	19 17 89	30 67 63
			Retracing reservation bound- ary; survey of west boundary, subdivisions, meanders, and connections, T. 23 N., R. 10 W.	.....	9 46 67	31 19 64
			Retracing reservation bound- ary; resurvey of west bound- ary and connections, T. 20 N., R. 11 W.	.....	1 20 7	.....
			Retracing fifth standard paral- lel, north and west bound- aries, reservation boundary; survey of subdivisions and connections, T. 21 N., R. 11 W.	2 0 0	18 64 97	43 12 95
			North and west boundaries, subdivisions, meanders, and connections, T. 22 N., R. 11 W.	.....	12 3 46	60 18 28
			Retracing reservation bound- ary; survey of west bound- ary, subdivisions, and con- nections, T. 23 N., R. 11 W.	.....	12 29 18	55 16 34
			Resurvey of reservation bound- ary; survey of subdivisions, meanders, and connections, T. 20 N., R. 12 W.	.....	3 33 51	5 1 33
			Resurvey fifth standard paral- lel; survey of north and west boundaries, subdivisions, and meanders, T. 21 N., R. 12 W.	4 0 60	8 64 50	53 41 88
			North and west boundaries, subdivisions, meanders, and connections, T. 22 N., R. 12 W.	.....	11 79 0	59 77 72
			Retracing reservation bound- ary; survey of west bound- ary, subdivisions, and con- nections, T. 23 N., R. 12 W.	.....	8 63 26	64 38 86
			Resurvey of reservation bound- ary; survey of south and west boundaries, subdivi- sions, and meanders, T. 21 N., R. 12 W.	.....	8 9 83	6 35 50
			North boundary, subdivisions, and meanders, T. 21 N., R. 13 W.	.....	1 34 67	3 13 81
			North boundary, subdivisions, and meanders, T. 22 N., R. 13 W.	.....	3 23 50	27 72 24
			Subdivisions, meanders, and connections, T. 23 N., R. 13 W.	.....	.....	38 77 52
			South boundary, subdivisions, meanders, and connections, T. 24 N., R. 13 W.	.....	2 34 0	6 24 94
			Line between sections 15 and 22 and meanders, right bank Skokomish River, T. 21 N., R. 4 W.	.....	.....	.....

a Special instructions.

closed at date of last annual report—Continued.

Number of miles surveyed.			Acres.	Plats made.				Liability.	Remarks.
Meander.	Conne- ction.	Total.		Original.	Land office.	Local land office.	Total.		
<i>M. C. L.</i>	<i>M. C. L.</i>	<i>M. C. L.</i>							
.....	1	2	3	\$9,505.73	Complete returns forwarded to the General Land Office, June 29, 1904; payable from the appropriation for allotments, act of Feb. 8, 1887, reimbursable.
1 16 18	4 20	3 16 96	250.68	1	2	....	3	.....
.....	.....	2 10 66	124.33	1	2	....	3	.....
12 33 0	.....	62 38 52	11,599.84	1	2	....	3	.....
13 39 84	39 70	54 65 95	11,644.35	1	2	....	3	.....
.....	32 35	1 52 42	108.92	1	2	....	3	.....
.....	20 11	64 18 3	16,229.17	1	2	....	3	.....
23 56 29	79 25	96 77 28	23,212.34	1	2	....	3	.....
.....	28 33	67 73 75	20,698.27	1	2	....	3	.....
2 53 94	30 78	11 39 56	3,325.83	1	2	....	3	.....
17 28 20	.....	83 55 18	19,927.26	1	2	....	3	.....
11 41 77	11 60	83 50 9	22,787.72	1	2	....	3	.....
.....	48 94	73 71 6	26,295.41	2	4	....	6	.....
4 32 30	.....	18 77 63	2,926.91	1	2	....	3	.....
5 56 65	.....	10 25 13	1,640.24	1	2	....	3	.....
9 27 75	.....	40 43 49	10,622.91	1	2	....	3	.....
18 0 37	29 34	57 27 23	15,909.82	1	2	....	3	.....
14 40 40	9 90	23 29 24	2,638.60	1	2	....	3	.....
.....	100.00	Surveys in the field not completed.

A.—Statement showing condition of contracts not

No.	Date.	Name of deputy.	Character and location of work.	Number of miles surveyed.								
				Stand- ard.	Town- ship.			Section.				
	1902.			<i>M. C. L.</i>	<i>M.</i>	<i>C.</i>	<i>L.</i>	<i>M.</i>	<i>C.</i>	<i>L.</i>		
582	Mar. 24	Fred J. Brown	Resurvey north, south, and east boundaries; survey of west boundary, subdivisions, and connections, T. 18 N., R. 16 E.	.....	21	13	72	60	9	88		
			Survey of fractional south and west boundaries, subdivisions, and connections, and retracing section lines, T. 19 N., R. 16 E.	.....	7	8	8	15	19	73		
			Resurvey south, east, and west boundaries; retracing south boundary and survey of north boundary, subdivisions, and connections, T. 15 N., R. 19 E.	.....	22	9	90	60	49	8		
583	....do....	George C. Campbell ..	T. 40 N., R. 32 E., and Tps. 39 and 40 N., Rs. 33 and 34 E.	.....							
584	....do....	Edward A. Fitz Henry	Retracing south and east boundaries and survey of west boundary, subdivisions, meanders, and connections, T. 32 N., R. 15 W.	.....	11	29	72	33	73	35		
			Tps. 25 N., Rs. 2 and 3 W.; T. 12 N., R. 5 W., and T. 22 N., Rs. 7 and 8 W.	.....							
585	Mar. 25	Elmer Lenfest.....	Survey of fractional south boundary and subdivisions, T. 32 N., R. 21 E.	.....	1	0	0	12	0	50		
			Retracing south, east, and west boundaries; survey of north boundary, subdivisions, meanders, and connections, T. 31 N., R. 23 E.	.....	20	3	54	59	74	99		
586	....do....	Allan Muirhead	T. 6 N., R. 13 E., and T. 26 N., R. 16 E.	.....							
587	....do....	Alfred S. Ruth.....	Tps. 34 and 35 N., R. 7 E., and T. 21 N., R. 12 E.	.....							
588	....do....	Edward F. Sharp.....	Retracing north and west boundaries; resurvey of north and east boundaries; survey of subdivisions and connections, T. 34 N., R. 38 E.	.....	12	74	53	59	22	54		
			Tps. 37 and 38 N., R. 40 E.	.....							
589	....do....	Lewis D. W. Shelton ..	Resurvey of south, east, and west boundaries; retracing west boundary, and survey of north boundary, subdivisions, meanders, and connections, T. 6 N., R. 3 E.	.....	22	72	67	59	51	68		
			Tps. 12 and 16 N., R. 4 E., and T. 12 N., R. 5 E.	.....							
590	....do....	Irving Worthington..	Eighth standard parallel north, through ranges 20, 19, 18, and part of 17 E.	17 62 93								
			Subdivisions and meanders, T. 33 N., R. 17 E.	.....				5	00	20		
			North and east boundaries, subdivisions, meanders, and connections, T. 31 N., R. 18 E.	.....	1	62	85	2	21	17		
			South and west boundaries, subdivisions, meanders, and connections, T. 32 N., R. 18 E.	.....	3	46	00	14	73	47		
			West boundary, subdivisions, and meanders, T. 33 N., R. 18 E.	.....	1	27	31	2	00	06		
			Subdivisions, meanders, and connections, T. 31 N., R. 19 E.	.....						51 15		
591	Apr. 22	Alfred S. Ruth	T. 33 N., R. 8 E.	.....							

closed at date of last annual report—Continued.

Number of miles surveyed.						Acres.	Plats made.				Liability.	Remarks.
Meander.	Con- nection.		Total.				Original.	Land office.	Local land office.	Total.		
M. C. L.	M.	C. L.	M.	C.	L.							
.....	18	99	81	42	59	23,139.30	2	2	1	5	\$2,817.75	Survey accepted Aug. 5, 1903; contract No. 582 closed.
.....	22	9	22	49	90	4,603.64	1	1	1	3		
.....	53	20	83	32	18	23,488.85	1	1	1	3		
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,305.00	Surveys in the field being cor- rected. Survey of T. 32 N., R. 15 W., accepted Apr. 26, 1904; re- mainder of contract, returns filed, completion of plats waiting for corrections of survey in the field.
1 66 22	15	34	47	24	63	12,420.83	2	2	1	5	815.17	
.....	.....	.....	13	0	50	3,200.00	2	2	1	5		
1 63 17	11	7	81	72	77	22,988.09	1	1	1	3	1,612.17	Surveys accepted Apr. 28, 1904; contract No. 585 closed.
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,015.00	Surveys in the field completed; returns being platted. Do.
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,307.00	
.....	30	76	72	47	83	22,453.27	1	1	1	3	866.46	Returns forwarded to General Land Office Oct. 27, 1903; survey accepted Apr. 30, 1904.
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,095.00	Surveys in the field being cor- rected. Returns forwarded to General Land Office Nov. 17, 1903; survey accepted Mar. 4, 1904.
15 44 92	19	83	98	29	10	22,780.66	2	2	1	5	2,070.20	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,653.00	Surveys in the field completed; returns being platted and transcribed.
.....	.....	.....	17	62	93	.....	1	1	.....	2		
33 13	.....	.....	5	33	33	1,420.55	1	1	1	3	1,467.36	{Returns forwarded to the Gen- eral Land Office May 29 1903; survey accepted Aug 31, 1903; contract No. 590 closed.
1 27 52	2 1 45	.....	7	32	99	141.30	1	1	1	3		
12 62 47	16 26	.....	31	38	20	3,654.06	1	1	1	3		
39 07	.....	.....	3	66	44	613.98	1	1	1	3		
1 31 15	1 36 95	.....	3	39	25	409.93	1	1	1	3		
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,480.00	Survey in the field complete, returns being platted.

A.—Statement showing condition of contracts not

No.	Date.	Name of deputy.	Character and location of work.	Number of miles surveyed.		
				Stand- ard.	Town- ship.	Section.
	1902.			<i>M. C. L.</i>	<i>M. C. L.</i>	<i>M. C. L.</i>
(a)	Oct. 20	Elmer Lenfest.....	Survey of meanders and connecting lines of two islands in the Snohomish River in sec. 4, T. 28 N., R. 5 E.	.....	.....	.....
(a)	Oct. 24	.....do	Retracing and resurvey of subdivisions, and survey of fractional subdivisions and connections, T. 28 N., R. 8 E.	.....	.....	3 13 77
(a)	.....do ...	James L. McPherson..	Retracing and resurveys; survey of section line and connections between secs. 4 and 5, T. 28 N., R. 2 W.	.....	2 0 0	6 3 93
(a)	.....do ...	Albro Garduer.....	North, east, west, and fractional south boundaries, sec. 3, T. 40 N., R. 5 E.	.....	.....	.....
592	Dec. 19	Lewis D. W. Shelton..	Resurvey, retracement, and reestablishment of the lines and monuments of the school and agency reserve strip, Tulalip Indian Reservation, and resurvey and reestablishment of the north and east boundary Tulalip Indian Reservation.	.....	8 19 28	9 59 31
593	1903 Jan. 23	Sharp and Omeg	Tps. 14 N., Rs. 7 and 8 E., and T. 15 N., R. 7 E.	.....	.....	.....
594	Feb. 20	Charles L. Campbell..	Tps. 38 N., Rs. 30 and 31 E., Tps. 40 N., Rs. 37 and 38, and T. 6 N., R. 42 E.	.....	.....	.....
595	Feb. 24	Thomas M. Hammond	Tps. 22, 24, and 25 N., R. 10 W., and Tps. 25 N., Rs. 12 and 13 W.	.....	.....	.....
596	.....do ...	Otho O. Hauschild ...	Resurveys and retracements, and survey of subdivisions, T. 20 N., R. 24 E.	.....	.....	.....
597	.....do ...	Elmer Lenfest.....	Resurvey and retracing west boundary, and survey of subdivisions, T. 26 N., R. 2 W.	.....	1 1 50	19 19 24
598	.....do ...	George A. Schwartz ..	Tps. 34 and 36 N., R. 27 E., and Tps. 35 N., Rs. 28 and 29 E.	.....	.....	.....
599	.....do ...	John Wetzel.....	Tps. 40 N., Rs. 26 and 28 E.	.....	.....	.....
600	Feb. 25	Robert F. Whitham ..	Tps. 3, 9, 10, and 11 N., R. 6 E., and T. 3 N., R. 7 E.	.....	.....	.....
(a)	Mar. 10	Elmer Lenfest.....	Retracings and completion of survey of subdivisions, secs. 2 and 11, T. 27 N., R. 9 E.	.....	1 38 27	5 37 94
601	Mar. 17	Jacob and Arthur L. Richardson.	Retracing reservation boundary; resurvey of south, east, and west boundaries, and survey of north boundary, subdivisions, and connecting lines, T. 7 N., R. 15 E.	.....	23 78 29	52 55 54
602	.....do ...	Fred J. Brown.....	Tps. 35 and 36 N., R. 43 E., and Tps. 37 and 38 N., R. 44 E.	.....	.....	.....
(a)	Mar. 31	Moses M. Emerson ...	T. 20 N., R. 15 E.; retracements and resurveys.	.....	.....	.....
(a)	.....do ...	.....do	Survey of subdivisions, coal lands in T. 20 N., R. 15 E.	.....	.....	.....
603	Apr. 28	Lewis D. W. Shelton..	Tps. 8 and 9 N., R. 5 E., and T. 8 N., R. 6 E.	.....	.....	.....
604	Apr. 30	Hiram F. Marble.....	Fractional surveys in T. 9 N., R. 17 E., and T. 8 N., R. 20 E., Yakima Indian Reservation.	.....	.....	.....
(a)	May 16	Frank J. Van Winkle.	Retracings and resurveys and survey of line between secs. 33 and 34, T. 12 N., R. 7 W.	.....	.....	5 2 79
				33 70 44	436 26 01	1,569 14 11

a Special instructions.

closed at date of last annual report—Continued.

Number of miles surveyed.						Acres.	Plats made.				Liability.	Remarks.
Meander.	Con- nection.		Total.				Original.	Land office.	Local land office.	Total.		
M. C. L. 20 75	M. C. L. 36 69		M. C. L. 57 44			1.36	1	1	1	3	\$8.77	Survey accepted Sept. 24, 1903; special instructions closed.
.....	15 53		3 29 30			938.03	1	1	1	3	41.36	Survey accepted Dec. 5, 1903; special instructions closed.
.....	4 13		8 8 6			494.86	1	1	1	3	85.00	Survey accepted Mar. 16, 1904; special instructions closed.
.....											100.00	Survey suspended for correction in the field.
.....			17 78 59				1	2		3	334.20	Surveys accepted June 14, 1904, and contract No. 592 closed.
.....												
.....											4,020.00	Surveys in the field completed; returns being plotted.
.....											4,486.00	Surveys in the field completed (except T. 6 N., R. 42 E.); returns being plotted.
.....											4,885.00	Time for completion of surveys extended to Mar. 1, 1905.
.....											308.00	Survey defective and suspended on report of examiner; sureties to designate compassman to complete survey.
.....	38 2		20 58 76			7,096.97	1	1	1	3	393.82	Returns to General Land Office June 29, 1904.
.....											3,200.00	Surveys completed in the field; returns filed and being plotted and transcribed.
.....											2,214.00	Survey in the field completed; returns filed.
.....											5,000.00	Do.
.....	77 25		7 73 46			770.07	1	1	1	3	87.17	Returns forwarded to the General Land Office Apr. 6, 1904.
.....	23 96		76 77 79			19,563.71	2	2	1	5	1,090.41	Surveys completed and returns forwarded to the General Land Office Feb. 3, 1904.
.....												
.....											5,000.00	Deputy in the field.
.....											100.00	Surveys in the field completed; returns filed.
.....											170.00	Deposits by individuals; surveys in the field completed and returns filed.
.....											3,800.00	Northern Pacific Rwy. Co. lands; deputy in the field.
.....											360.00	Surveys in the field completed and returns filed.
.....			5 2 79			494.60	1	1	1	3	40.75	Survey accepted Apr. 29, 1904; special instructions closed.
206 38 53	23 35 47		2,269 24 56			577,321.77	80	100	48	228	.....

B.—*Contracts awarded in the State of Washington under the appropriation for surveys and resurveys of public lands for the fiscal year ending June 30, 1904.*

No.	Date.	Name of deputy.	Character and location of work.	Liability.
605	1903. July 7	Hiram F. Marble.....	The necessary resurveys and retracements and the survey of the west boundary and subdivisions of T. 16 N., R. 15 E., and the subdivisions and meanders of T. 27 N., R. 16 E., Willamette meridian, Washington (payable from the appropriation for the survey of public lands within the limits of railroad land grants, per act of Mar. 2, 1895).	\$2, 220
606	Aug. 10	Hezekiah H. Johnson.	The necessary retracing and resurvey of boundary and standard lines, and survey of the township, section, and meander lines of the following designated townships within the boundaries of the Spokane Indian Reservation, viz, Tps. 27, 28, and 29 N., Rs. 37, 38, and 39 E.; Tps. 28 and 29 N., Rs. 35 and 36 E., and Tps. 28 and 29 N., R. 40 E. (payable from the Indian appropriation act of Mar. 3, 1903).	4, 975
(a)	1904. Jan. 19	Wesley Beach	The necessary retracings and resurveys and completion of the survey of the subdivisions of secs. 5 and 6, T. 12 N., R. 9 E.	100
(a)	Feb. 1	George R. Sawyer	The necessary retracings and resurveys and completion of the survey of the subdivision and meander lines of all that portion of T. 28 N., R. 35 E., Willamette meridian, not included within the boundaries of the Colville and Spokane Indian reservations.	100
(a)	Feb. 24	Edward A. FitzHenry	The necessary retracings and resurveys, and the completion of the survey of the subdivisions of secs. 17 and 18, T. 29 N., R. 5 W.	100
607	Mar. 22	Homer D. Angell.....	A proper segregation survey through T. 9 N., R. 13 E., based on a retracement of the Yakima Indian Reservation boundary line through said township, and of the township, range, and section lines crossed by the reservation line, and the establishment of the proper closing lines.	365
(a)	Apr. 12	Lewis D. W. Shelton..	The west boundary of T. 8 N., R. 5 E., Willamette meridian (in connection with contract No. 603), payable from the appropriation for the survey of lands within the limits of railroad land grants, per act of Mar. 2, 1895.	115
608	Apr. 15	Homer D. Angell and Clyde W. Riddell.	The necessary retracing and resurvey of standard and township lines, in T. 20 N., R. 18 E., Willamette meridian (in connection with special deposit survey of Northern Pacific Rwy. Co.).	350
609	....do ...	William F. Byars.....	The survey of the ninth standard parallel north, through Rs. 45 and 46 E., and the necessary retracing and resurvey of township and section lines in Tps. 33, 34, 35, and 36 N., Rs. 45 and 46 E. (in connection with special deposit surveys of Northern Pacific Rwy. Co.).	600
610	....do ...	George R. Campbell and William B. Germond.	The survey of the seventh standard parallel north, through R. 45 E., and the necessary retracing and resurvey of township and section lines in T. 28 N., R. 39 E.; T. 34 N., R. 44 E., and Tps. 27 and 28 N., Rs. 45 and 46 E. (in connection with special deposit surveys of the Northern Pacific Rwy. Co.).	830
611	Apr. 16	George R. Campbell and Milton B. Germond.	The necessary retracings and resurveys and survey of the exterior and subdivisional lines of T. 29 N., Rs. 45 and 46 E., Willamette meridian.	1, 050
612	Apr. 19	Homer D. Angell and Clyde W. Riddell.	The subdivisional lines of T. 20 N., R. 18 E., Willamette meridian, payable from special deposits made by the Northern Pacific Rwy. Co.	1, 203
613	....do ...	William F. Byars.....	The exterior, subdivisional, and meander lines of Tps. 33, 34, 35, and 36 N., Rs. 45 and 46 E., Willamette meridian, payable from special deposits made by the Northern Pacific Rwy. Co.	6, 370
614	....do ...	George R. Campbell and Milton B. Germond.	The exterior, subdivisional, and meander lines in T. 28 N., R. 39 E.; Tps. 34 and 36 N., R. 44 E., and Tps. 27 and 28 N., Rs. 45 and 46 E., Willamette meridian, payable from special deposits made by the Northern Pacific Rwy. Co.	4, 457
615	Apr. 29	Homer D. Angell and Clyde W. Riddell.	The necessary retracing and resurvey of township and section lines; the survey of the fourth standard parallel north, through R. 7 E., and the exterior and subdivisional lines of T. 17 N., R. 7 E., and fractional T. 20 N., R. 16 E., Willamette meridian.	1, 720

a Special instructions.

B.—*Contracts awarded in the State of Washington under the appropriation for surveys and resurveys of public lands for the fiscal year ending June 30, 1904—Continued.*

No.	Date.	Name of deputy.	Character and location of work.	Liability.
616	1904. Apr. 29	Dudley S. B. Henry ..	The necessary retracing and resurvey of exterior lines and survey of the township and subdivi- sional lines of T. 19 N., R. 24 E., and T. 33 N., R. 23 E., Willamette meridian.	\$1,480
617	....do....	Alfred S. Ruth	The necessary retracing and resurvey of exterior and section lines and survey of the township, sub- divisional, and meander lines of Tps. 39 and 40 N., R. 36 E., Willamette meridian.	1,700
618	....do....	Lewis D. W. Shelton..	The necessary retracing and resurvey of exterior and section lines and the survey of the exterior and subdivisional lines of fractional T. 29 N., Rs. 4 and 6 W., and Tps. 29 and 30 N., R. 7 W., Willamette meridian.	1,730

Contracts payable from appropriation, 1904	\$10,125
Contracts payable from appropriation for survey of lands within the limits of railroad land grants.....	2,335
Contracts payable from Indian appropriation act of March 3, 1903.....	4,995
Contracts payable from special deposits, Northern Pacific Railway Company	12,030
Total amount under contract.....	29,465

REPORT OF THE SURVEYOR-GENERAL OF WYOMING.

OFFICE OF UNITED STATES SURVEYOR-GENERAL,
Cheyenne, Wyo., July 1, 1904.

SIR: In compliance with the instructions contained in circular letter E, dated April 21, 1904, I have the honor to submit herewith, in duplicate, my annual report of the surveying operations in the district of Wyoming for the fiscal year ending June 30, 1904, with tabular statements, as follows, viz:

- A.—Statement of condition of contracts pending at date of last annual report.
- B.—Statement of condition of contract let under appropriation act of June 4, 1897, for survey of abandoned military reservations, for the fiscal year ending June 30, 1898.
- C.—Statement of condition of contracts payable from the annual appropriation for surveys and resurveys of public lands for the fiscal year ending June 30, 1904.
- D.—Statement of condition of contract payable from appropriation for survey of abandoned military reservations, for the fiscal year ending June 30, 1904.
- E.—Mineral surveys approved during fiscal year.
- F.—Statement of accounts with the appropriations for the service of the office of United States surveyor-general of Wyoming.
- G.—Statement of account with special deposits by individuals for the survey of public lands.
- H.—Statement of accounts with advances by United States Treasurer from special deposits by individuals.

During the fiscal year there have been approved two contracts, comprising the survey of six whole and fractional townships and the resurvey of thirteen townships, aggregating 1,607 miles 10 chains and 30 links, covering 402,542.66 acres. Copies of the field notes and plats of said surveys have been forwarded to the Commissioner of the General Land Office for his approval.

The following number of letters, plats, field notes, and other papers have been filed or prepared, viz:

Letters written.....	950
Letters received and indexed.....	646
Agricultural field notes transcribed (books).....	41
Agricultural field notes transcribed (pages).....	1,232
Agricultural field notes bound (volumes).....	2
Agricultural field notes indexed (volumes).....	151
Townships and exterior plats prepared.....	61
Descriptive lists for local land offices.....	18
Diagrams for deputies.....	32
Orders issued for mineral surveys.....	54
Lode locations ordered surveyed.....	290
Placer locations ordered surveyed.....	6
Mill sites ordered surveyed.....	2
Mineral surveys and reports approved.....	49
Mineral surveys pending.....	17
Surveys lode locations approved.....	99
Surveys placer locations approved.....	4
Surveys mill sites approved.....	2
Mineral field notes transcribed (books).....	49
Mineral field notes transcribed (pages).....	1,265
Mineral field notes bound (volumes).....	2
Connected sheets prepared.....	15
Mineral plats drawn and approved.....	178
Contracts and bonds.....	24

Special instructions (pages)	550
Data for deputies (pages)	175
Invitations for proposals	45
Miscellaneous tracings, diagrams, blueprints, etc	119
United States deputy mineral surveyors holding commissions	18

Very respectfully,

ALPHEUS P. HANSON,
United States Surveyor-General of Wyoming.

The COMMISSIONER OF THE GENERAL LAND OFFICE,
Washington, D. C.

A.—Statement of condition of contracts pending at date of last annual report.

No.	Date.	Deputy surveyor.	Limited liability.	Remarks.
288	1901. June 25	Newell J. Burnham ..	\$4,000	Surveys accepted by the Commissioner in his letter E, dated Aug. 27, 1903; account approved by the Commissioner in his letter M, dated Sept. 29, 1903.
289	1902. June 17	Sidney Blout and C. Edward Artist.	8,000	Surveys accepted by the Commissioner in his letter E, dated Oct. 20, 1903; account approved by the Commissioner in his letter M, dated Nov. 14, 1903.
290	June 20	Edward F. Stahle and John P. Van Orsdel.	8,100	Surveys accepted by the Commissioner in his letter E, dated Mar. 9, 1904; account approved by the Commissioner in his letter M, dated Mar. 21, 1904. filing of triplicate plats ordered withheld.
291	Aug. 4	John F. H. Stahle	283	Surveys accepted by the Commissioner's letter E, dated Aug. 20, 1903; account approved by the Commissioner in his letter M, dated Sept. 15, 1903.
292	1903. June 29	William M. Gilcrest ..	2,000	Field work in progress; no returns filed.
293	.....do	Edward F. Stahle	5,000	Partial returns filed by the deputy June 6, 1903.

B.—Contract let under appropriation act of June 4, 1897, for survey of abandoned military reservations for the fiscal year ending June 30, 1898.

No.	Date.	Deputy surveyor.	Limited liability.	Remarks.
267	1897. Oct. 25	Levi D. Wiest.....	\$500	Surveys suspended by Commissioner in his letter E dated Sept. 25, 1903; new contract awarded to Donnell Miller, deputy surveyor. (See contract No. 297.)

C.—Contracts payable from the annual appropriations for surveys and resurveys of public lands for the fiscal year ending June 30, 1904.

No.	Date.	Deputy surveyor.	Limited liability.	Remarks.
294	1903. July 20	Samuel W. Brunt and Newell J. Burnham.	\$8,000.00	The resurvey of the eleventh auxiliary meridian west through Tps. 53, 54, 55, and 56 N.; the thirteenth standard parallel through R. 95 W.; all exterior, subdivision, meander, and connecting lines for Tps. 53, 54, 55, and 56 N., Rs. 93, 94, and 95 W. of the sixth principal meridian, all in Big Horn County, State of Wyoming; and the survey by metes and bounds of the valid land claims and rights of all actual settlers and occupants in the said townships; and the retracement and resurvey of such standard parallel, guide meridian, and exterior lines as may be found to be absolutely necessary for the aforesaid resurveys.

C.—*Contracts payable from the annual appropriations for surveys and resurveys of public lands for the fiscal year ending June 30, 1904—Continued.*

No.	Date.	Deputy surveyor.	Limited liability.	Remarks.
295	1904. Feb. 17	Walter E. Hoffman ...	\$5,000. 00	The resurvey of the thirteenth standard parallel north through Rs. 96 and 97 W.; twelfth guide meridian west through Tps. 53, 54, 55, and 56 N., all the exterior lines (except the east boundary of Tps. 53, 54, 55, and 56 N., R. 96 W.) and all the subdivision, meander, and connecting lines for Tps. 53, 54, 55, and 56 N., Rs. 96 and 97 W. of the sixth principal meridian in Big Horn County, Wyo.; and the survey by metes and bounds of the valid land claims and rights of all actual settlers and owners in said townships; and retracement and resurvey of such other standard parallel, guide meridian, and exterior lines as may be found to be absolutely necessary for the aforesaid resurveys.
296	....do ...	Arthur H. Brunt	5,000. 00	The resurvey of the thirteenth standard parallel north through Rs. 98 and 99 W.; all the exterior lines (except the east boundary of Tps. 53, 54, 55, and 56 N., R. 98 W.) and all the subdivision, meander, and connecting lines for Tps. 53, 54, 55, and 56 N., Rs. 98 and 99 W. of the sixth principal meridian, in Big Horn County, Wyo.; the survey by metes and bounds of the valid land claims and rights of all actual settlers and owners in said townships; and the retracement and resurvey of such other standard parallel, guide meridian, and exterior lines as may be absolutely necessary for the aforesaid resurveys.
298	May 16	Donnell Miller	1,327. 75	The survey of the subdivision and connecting lines for the agricultural lands in five fractional townships, as follows, viz: T. 38 N., R. 114 W.; T. 39 N., R. 115 W.; T. 42 N., R. 113 W.; T. 42 N., R. 114 W.; and T. 44 N., R. 118 W. of the sixth principal meridian, in the Yellowstone Forest Reserve, Uinta County, Wyo.; so much of the exterior lines of said townships as may be necessary for the survey of said agricultural lands or as a base for said subdivision lines; and the retracement and resurvey of all such exterior, standard parallel, guide meridian, and State boundary lines as may be necessary to perfect aforesaid surveys.
	May 31	....do	169. 50	In connection with but independent of contract No. 298. The survey of the subdivision and connecting lines for the agricultural and valley lands in fractional T. 43 N., R. 118 W. of the sixth principal meridian, Uinta County, Wyo.; so much of the exterior lines of said township as may be necessary to include the agricultural lands or to provide a base for the subdivision lines; and retracement and resurvey of so much of the Wyoming State boundary as may be found necessary to close the above surveys and complete the same.

D.—*Contract payable from appropriation for survey of abandoned military reservations for the fiscal year ending June 30, 1904.*

No.	Date.	Deputy surveyor.	Limited liability.	Remarks.
297	1904 May 16	Donnell Miller	\$1,497. 25	The survey of fractional Tps. 50 and 51 N., Rs. 83 and 84 W., comprising the abandoned Fort McKinney wood reservation. Said survey will consist of the resurvey of the north, west, and south boundaries of said reservation; the survey of the north boundaries of T. 50 N., Rs. 83 and 84 W.; the survey of the west boundaries of Tps. 50 and 51 N., R. 83 W.; the subdivision and connecting lines of fractional T. 50 N., Rs. 83 and 84 W.; and fractional T. 51 N., Rs. 83 and 84 W. of the sixth principal meridian, in Johnson County, Wyo., and such retracements and resurveys as may be absolutely necessary.

E.—Mineral surveys approved during fiscal year.

No.	Name of claim.	Claimant.	Date of approval.
237	Quo Vadis lode.....	Chicago Venture Mining Co.....	July 1, 1903
236	Mohawk lode.....	do.....	July 6, 1903
241	Itmay, Mountain Crow, Camp Bird, and Snow Flake lodes.....	Itmay Group Copper Mining Co.....	Aug. 4, 1903
232	York lode.....	Continental Mining Co.....	Aug. 13, 1903
206	Battle Lake, Monument, Battle Mountain, Little Johnnie, and Little Jim lodes.....	Battle Lake Tunnel Site Mining Co..	Aug. 21, 1903
238	White Horse No. 1 and White Horse No. 2 lodes.....	Joseph B. Thompson and Frank E. Lewis.....	Aug. 26, 1903
233	4th of July lode.....	Continental Mining Co.....	Sept. 4, 1903
239	Tabor Grand, Clarissa B., and Denver lodes.....	Nathan A. Baker.....	Sept. 5, 1903
247	Pearl lode.....	W. C. Ledbetter.....	Sept. 18, 1903
229	Dewey No. 1, Dewey No. 2, White Rose, and Little Rock lodes.....	Andrew Strebel and Soren J. Sorenson.....	Sept. 30, 1903
231	Cox, Merrill, Berger, and Cooper lodes.....	Continental Mining Co.....	Oct. 1, 1903
252	Contact, Contact No. 2, Diorite, Invincible No. 1, Invincible No. 2, Anorthite, Rustler, Little Dot, and Scott lodes, and Battle Lake mill site.....	Lake Mining Co.....	Oct. 14, 1903
131	Copper Queen lode.....	Copper Queen Mining Co.....	Oct. 22, 1903
Am.			
204	Mutual, Charlotte, Mondamin, and Romeo lodes.....	Mutual Gold and Copper Mining Co..	Do.
261	Woodchuck lode.....	A. G. Anderson.....	Oct. 24, 1903
240	Mars and Mars, jr., Penzance lodes.....	Chas. E. Bryson and Charles Blewett.....	Nov. 2, 1903
265	Independent lode.....	Amos B. Reynolds.....	Nov. 4, 1903
218	Enterprise lode.....	W. A. Lee.....	Nov. 7, 1903
260	La Marcelles, La Belle, La Gascoigne, New York, La Compte, and La Cologne lodes.....	Sierra Madre Mining Co.....	Nov. 30, 1903
262	Ardath lode.....	Chicago Venture Mining Co.....	Do.
266	Jubilee lode.....	Amos B. Reynolds.....	Do.
273	Cameron No. 2 lode.....	J. H. Snyder.....	Do.
230	Wood River and Wood River No. 2 placers.....	John Henry Schnitzel.....	Dec. 4, 1903
254	Bangor lode.....	Doane-Verde Mining Co.....	Do.
270	Axis lode.....	Thomas R. Jackson.....	Dec. 11, 1903
276	Itmay No. 2 and Itmay No. 3 lodes.....	Itmay Group Copper Mining Co.....	Jan. 4, 1904
263	Alberta No. 1, Alberta No. 2, Alberta No. 3, White Eagle, and Ajax lodes.....	Blanche Copper Mining Co.....	Jan. 12, 1904
274	Skylark and Big Six lodes.....	New Lincoln Copper Co.....	Jan. 14, 1904
275	Quo Vadis and Vendetta lodes.....	Chicago Venture Mining Co.....	Feb. 11, 1904
280	Republic lode.....	M. F. Whelan.....	Feb. 24, 1904
283	Black Jack lode.....	R. H. Young and John W. Cluff.....	Mar. 3, 1904
284	Emma P. lode.....	J. T. Brown.....	Mar. 8, 1904
285	N. G. S. lode.....	do.....	Mar. 10, 1904
279	Unmitigable and Lena Shields lodes.....	Ben Hur Copper Mining Co.....	Mar. 17, 1904
249	Fremont lode.....	Galena Ridge Mining Co.....	Mar. 23, 1904
242	Oregon lode.....	do.....	Mar. 29, 1904
256	Buckskin's Last Chance, Great Unknown, and Monument lodes.....	do.....	Apr. 5, 1904
287	Bonbright and Index lodes.....	Illinois Copper Mining and Milling Co.....	Apr. 6, 1904
257	Sampson lode.....	E. J. Williams and G. W. Keel.....	Apr. 12, 1904
243	Shilo lode.....	John Henry Schnitzel.....	Apr. 16, 1904
248	Coon and Basin lodes.....	Galena Ridge Mining Co.....	Apr. 22, 1904
250	Krachy, Krachy No. 2, Krachy No. 3, Krachy No. 4, Krachy Fraction lodes, and Krachy mill site.....	James R. Richards.....	May 7, 1904
A and B			
244	Kirwin No. 2 and Kirwin No. 3 placers.....	Galena Ridge Mining Co.....	May 9, 1904
282	Mountain Side, Tallabo, Washtenaw, West, Ypsilanti Fraction, Frankfort, Hartford, Florence, and LaFayette No. 3 lodes.....	The Tinton Co.....	June 17, 1904

434 REPORT OF COMMISSIONER OF GENERAL LAND OFFICE.

F.—*Statement of accounts with the appropriations for the service of the office of United States surveyor-general of Wyoming.*

A.—SALARIES SURVEYOR-GENERAL AND CLERKS.

Appropriation.....	\$8,900.00
Paid salary surveyor-general.....	\$2,000.00
Paid salaries clerks.....	5,948.65
Balance covered into United States Treasury June 30, 1904.....	951.35
	<u>8,900.00</u>

B.—CONTINGENT EXPENSES.

Appropriation.....	\$1,315.00
Paid rent.....	\$456.00
Paid salary, messenger.....	360.00
Paid electric light.....	45.00
Paid stationery, printing, and binding.....	150.98
Paid incidentals.....	99.32
Retained by General Land Office for freight.....	15.00
Balance covered into United States Treasury June 30, 1904.....	188.70
	<u>1,315.00</u>

G.—*Statement of account with special deposits by individuals for the survey of public lands.*

A.—OFFICE WORK—MINERAL SURVEYS.

July 1, 1903, balance in United States Treasury	\$4,493.80
Deposits for office work:	
First quarter.....	\$2,210.00
Second quarter.....	4,060.00
Third quarter.....	225.00
Fourth quarter.....	280.00
	<u>6,775.00</u>
	11,268.80

Warrants received from United States Treasurer:	
July 18, 1903.....	1,100.00
October 19, 1903.....	800.00
January 29, 1904.....	450.00
April 12, 1904.....	400.00
	<u>2,750.00</u>
June 30, 1904, balance in United States Treasury	8,518.80

B.—OFFICE WORK—RAILROAD SURVEYS.

July 1, 1903, balance in United States Treasury	\$30,507.02
Deposited for office work March 21, 1904.....	156.47
	<u>30,663.49</u>
Warrants received from United States Treasurer:	
July 18, 1903.....	\$300.00
October 19, 1903.....	275.00
January 29, 1904.....	275.00
April 12, 1904.....	310.00
	<u>1,160.00</u>
June 30, 1904, balance in United States Treasury	29,503.49

H.—*Statement of accounts with advances by United States Treasurer from special deposits by individuals.*

A.—MINERAL.

July 1, 1903, balance on deposit in Stock Growers' National Bank, Cheyenne, Wyo.....	\$653. 84	
Warrants received from United States Treasurer.....	2, 750. 00	
	<hr/>	\$3, 403. 84
Paid rent	204. 00	
Paid salaries, clerks.....	1, 738. 00	
Paid stationery, printing, and binding.....	49. 38	
	<hr/>	1, 991. 38
June 30, 1904, balance on deposit in Stock Growers' National Bank.		1, 412. 46

B.—RAILROAD.

July 1, 1903, balance on deposit in Stock Growers' National Bank, Cheyenne, Wyo.....	\$528. 00	
Warrants received from United States Treasurer.....	1, 160. 00	
	<hr/>	\$1, 688. 00
Paid salary, clerk.....		1, 220. 00
		<hr/>
June 30, 1904, balance on deposit in Stock Growers' National Bank.		468. 00

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